
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2018

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 1-12084

Libbey Inc.

(Exact name of registrant as specified in its charter)

Delaware

34-1559357

(State or other jurisdiction of incorporation or organization)

(IRS Employer Identification No.)

300 Madison Avenue, Toledo, Ohio 43604

(Address of principal executive offices) (Zip Code)

419-325-2100

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer	<input type="checkbox"/>	Accelerated Filer	<input checked="" type="checkbox"/>
Non-Accelerated Filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date.

Common Stock, \$.01 par value 22,082,197 shares at April 27, 2018 .

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PART I — FINANCIAL INFORMATION**Item 1. Financial Statements**

Libbey Inc.
Condensed Consolidated Statements of Operations
(dollars in thousands , except per share amounts)
(unaudited)

	Three months ended March 31,	
	2018	2017
Net sales	\$ 181,913	\$ 172,994
Freight billed to customers	757	676
Total revenues	182,670	173,670
Cost of sales	149,000	142,473
Gross profit	33,670	31,197
Selling, general and administrative expenses	31,523	33,332
Income (loss) from operations	2,147	(2,135)
Other income (expense)	(2,107)	(2,786)
Earnings (loss) before interest and income taxes	40	(4,921)
Interest expense	5,084	4,867
Loss before income taxes	(5,044)	(9,788)
Benefit from income taxes	(2,083)	(3,218)
Net loss	\$ (2,961)	\$ (6,570)
Net loss per share:		
Basic	\$ (0.13)	\$ (0.30)
Diluted	\$ (0.13)	\$ (0.30)
Dividends declared per share	\$ 0.1175	\$ 0.1175

See accompanying notes

Libbey Inc.
Condensed Consolidated Statements of Comprehensive Income (Loss)
(dollars in thousands)
(unaudited)

	Three months ended March 31,	
	2018	2017
Net loss	\$ (2,961)	\$ (6,570)
Other comprehensive income:		
Pension and other post-retirement benefit adjustments, net of tax	755	456
Change in fair value of derivative instruments, net of tax	1,470	165
Foreign currency translation adjustments, net of tax	4,333	1,408
Other comprehensive income, net of tax	<u>6,558</u>	<u>2,029</u>
Comprehensive income (loss)	<u>\$ 3,597</u>	<u>\$ (4,541)</u>

See accompanying notes

Libbey Inc.
Condensed Consolidated Balance Sheets
(dollars in thousands, except share amounts)

	March 31, 2018	December 31, 2017
	(unaudited)	
ASSETS		
Cash and cash equivalents	\$ 25,746	\$ 24,696
Accounts receivable — net	85,593	89,997
Inventories — net	203,644	187,886
Prepaid and other current assets	16,365	12,550
Total current assets	331,348	315,129
Pension asset	3,639	2,939
Purchased intangible assets — net	14,390	14,565
Goodwill	84,412	84,412
Deferred income taxes	25,977	24,892
Other assets	10,740	9,627
Property, plant and equipment — net	266,641	265,675
Total assets	\$ 737,147	\$ 717,239
LIABILITIES AND SHAREHOLDERS' EQUITY		
Accounts payable	\$ 73,305	\$ 78,346
Salaries and wages	22,806	27,409
Accrued liabilities	43,855	43,223
Accrued income taxes	824	1,862
Pension liability (current portion)	2,341	2,185
Non-pension post-retirement benefits (current portion)	4,181	4,185
Derivative liability	87	697
Long-term debt due within one year	6,177	7,485
Total current liabilities	153,576	165,392
Long-term debt	406,222	376,905
Pension liability	45,451	43,555
Non-pension post-retirement benefits	49,539	49,758
Deferred income taxes	1,926	1,850
Other long-term liabilities	12,378	12,885
Total liabilities	669,092	650,345
Contingencies (Note 14)		
Shareholders' equity:		
Common stock, par value \$.01 per share, 50,000,000 shares authorized, 22,081,592 shares issued in 2018 (22,018,010 shares issued in 2017)	221	220
Capital in excess of par value	333,169	333,011
Retained deficit	(166,446)	(161,165)
Accumulated other comprehensive loss	(98,889)	(105,172)
Total shareholders' equity	68,055	66,894
Total liabilities and shareholders' equity	\$ 737,147	\$ 717,239

See accompanying notes

Libbey Inc.
Condensed Consolidated Statement of Shareholders' Equity
(dollars in thousands, except share amounts)
(unaudited)

	<u>Common Stock Shares</u>	<u>Common Stock Amount</u>	<u>Capital in Excess of Par Value</u>	<u>Retained Deficit</u>	<u>Accumulated Other Comprehensive Loss</u>	<u>Total</u>
Balance December 31, 2017	22,018,010	\$ 220	\$ 333,011	\$ (161,165)	\$ (105,172)	\$ 66,894
Cumulative-effect adjustment for the adoption of ASU 2017-12				275	(275)	—
Net loss				(2,961)		(2,961)
Other comprehensive income					6,558	6,558
Stock compensation expense			270			270
Dividends				(2,595)		(2,595)
Stock withheld for employee taxes			(203)			(203)
Stock issued	63,582	1	91			92
Balance March 31, 2018	<u>22,081,592</u>	<u>\$ 221</u>	<u>\$ 333,169</u>	<u>\$ (166,446)</u>	<u>\$ (98,889)</u>	<u>\$ 68,055</u>

See accompanying notes

Libbey Inc.
Condensed Consolidated Statements of Cash Flows
(dollars in thousands)
(unaudited)

	Three months ended March 31,	
	2018	2017
Operating activities:		
Net loss	\$ (2,961)	\$ (6,570)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	11,879	11,155
Loss on asset sales and disposals	92	23
Change in accounts receivable	4,962	1,961
Change in inventories	(14,311)	(3,827)
Change in accounts payable	(4,458)	(3,921)
Accrued interest and amortization of discounts and finance fees	357	378
Pension & non-pension post-retirement benefits, net	1,975	2,116
Accrued liabilities & prepaid expenses	(7,464)	(4,545)
Income taxes	(2,769)	(4,236)
Share-based compensation expense	290	832
Other operating activities	(736)	320
Net cash used in operating activities	(13,144)	(6,314)
Investing activities:		
Additions to property, plant and equipment	(11,271)	(11,952)
Net cash used in investing activities	(11,271)	(11,952)
Financing activities:		
Borrowings on ABL credit facility	42,177	—
Repayments on ABL credit facility	(12,000)	—
Other repayments	(1,383)	(169)
Repayments on Term Loan B	(1,100)	(6,100)
Taxes paid on distribution of equity awards	(203)	(423)
Dividends	(2,595)	(2,577)
Net cash provided by (used in) financing activities	24,896	(9,269)
Effect of exchange rate fluctuations on cash	569	267
Increase (decrease) in cash	1,050	(27,268)
Cash & cash equivalents at beginning of period	24,696	61,011
Cash & cash equivalents at end of period	\$ 25,746	\$ 33,743
Supplemental disclosure of cash flow information:		
Cash paid during the period for interest	\$ 4,588	\$ 4,504
Cash paid during the period for income taxes	\$ 1,120	\$ 779

See accompanying notes

Libbey Inc.
Notes to Condensed Consolidated Financial Statements
(unaudited)

1. Description of the Business

Libbey is a leading global manufacturer and marketer of glass tableware products. We produce glass tableware in five countries and sell to customers in over 100 countries. We design and market, under our Libbey[®], Libbey Signature[®], Master's Reserve[®], Crisa[®], Royal Leerdam[®], World[®] Tableware, Syracuse[®] China and Crisal Glass[®] brand names (among others), an extensive line of high-quality glass tableware, ceramic dinnerware, metal flatware, hollowware and serveware items for sale primarily in the foodservice, retail and business-to-business channels of distribution. Our sales force presents our tabletop products to the global marketplace in a coordinated fashion. We own and operate two glass tableware manufacturing plants in the United States as well as glass tableware manufacturing plants in Mexico (Libbey Mexico), the Netherlands (Libbey Holland), Portugal (Libbey Portugal) and China (Libbey China). In addition, we import tabletop products from overseas in order to complement our line of manufactured items. The combination of manufacturing and procurement allows us to compete in the global tabletop market by offering an extensive product line at competitive prices.

Our website can be found at www.libbey.com. We make available, free of charge, at this website all of our reports filed or furnished pursuant to Section 13(a) or 15(d) of Securities Exchange Act of 1934, including our annual report on Form 10-K, our quarterly reports on Form 10-Q, our current reports on Form 8-K, as well as amendments to those reports. These reports are made available on our website as soon as reasonably practicable after their filing with, or furnishing to, the Securities and Exchange Commission and can also be found at www.sec.gov.

Our shares are traded on the NYSE American exchange under the ticker symbol LBY.

2. Significant Accounting Policies

Basis of Presentation

The accompanying unaudited Condensed Consolidated Financial Statements of Libbey Inc. and its majority-owned subsidiaries (collectively, Libbey or the Company) have been prepared in accordance with U.S. Generally Accepted Accounting Principles (U.S. GAAP) for interim financial information and with the instructions to Form 10-Q and Item 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by U.S. GAAP for complete financial statements. In the opinion of management, all adjustments (including normal recurring accruals) considered necessary for a fair presentation have been included. Operating results for the three month period ended March 31, 2018 are not necessarily indicative of the results that may be expected for the year ending December 31, 2018.

The balance sheet at December 31, 2017 has been derived from the audited financial statements at that date but does not include all of the information and footnotes required by U.S. GAAP for complete financial statements. The financial information included herein should be read in conjunction with our Consolidated Financial Statements in Item 8 of our Form 10-K for the year ended December 31, 2017.

Cost of Sales

Cost of sales includes cost to manufacture and/or purchase products, warehouse, shipping and delivery costs and other costs. Shipping and delivery costs associated with outbound freight after control of a product has transferred to a customer are accounted for as a fulfillment cost and are included in cost of sales. In addition, reimbursement of certain pre-production costs is considered a development activity and is included in cost of sales.

Stock-Based Compensation Expense

Stock-based compensation expense charged to the Condensed Consolidated Statements of Operations is as follows:

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Stock-based compensation expense	\$ 290	\$ 832

Reclassifications

In connection with our adoption of ASU 2017-07, certain pension and non-pension expense amounts in prior periods have been reclassified to conform with the current period presentation. See *New Accounting Standards - Adopted* below.

New Accounting Standards - Adopted

Each change to U.S. GAAP is established by the Financial Accounting Standards Board (FASB) in the form of an accounting standards update (ASU) to the FASB's Accounting Standards Codification (ASC). We consider the applicability and impact of all ASUs. ASUs not listed below were assessed and either were determined to be not applicable or are expected to have minimal impact on the Company's Condensed Consolidated Financial Statements.

On January 1, 2018, we adopted ASU 2014-09, *Revenue From Contracts With Customers* and all related amendments, also known as ASC Topic 606, using the modified retrospective method. There was no cumulative effect adjustment required of initially applying the new standard to existing contracts at adoption on January 1, 2018, and we expect the impact of adopting the new standard to be immaterial to our Condensed Consolidated Statement of Operations on an ongoing basis. Additionally, there was no impact to our Condensed Consolidated Balance Sheets. The enhanced disclosure requirements are included in [note 11, Revenue](#). Results for reporting periods beginning on or after January 1, 2018, are presented under ASC Topic 606, while prior period amounts are not adjusted and continue to be reported in accordance with our previous accounting under ASC Topic 605.

On January 1, 2018, we adopted ASU 2017-07, *Compensation - Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Post-retirement Benefit Cost*. ASU 2017-07 improves the presentation of net periodic pension and post-retirement benefit costs. We retrospectively adopted the presentation that the service cost component of pension and post-retirement benefit costs be reported within income from operations. The other components of net benefit cost (interest costs, expected return on assets, amortization of prior service costs, settlement charges and other costs) have been reclassified from cost of sales and selling, general and administrative expenses to other income (expense). On a prospective basis, only the service cost component will be capitalized in inventory or property, plant and equipment, when applicable. The effect of the retrospective presentation change related to the net periodic pension and non-pension benefit costs (credits) on our Condensed Consolidated Statement of Operations was as follows:

(dollars in thousands)	Three months ended March 31, 2017		
	Previously Reported	Reclassification	As Revised
Cost of sales	\$ 143,356	\$ (883)	\$ 142,473
Selling, general and administrative expenses	32,975	357	33,332
Other income (expense)	(2,260)	(526)	(2,786)

On January 1, 2018, we early adopted ASU 2017-12, *Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities*. ASU 2017-12 amended the hedge accounting rules to simplify the application of hedge accounting guidance and better portray the economic results of risk management activities in the financial statements. As of January 1, 2018, we recorded a \$0.3 million reduction to our retained deficit and an increase in accumulated other comprehensive loss related to our natural gas swap contracts in Mexico that were previously not designated as hedging instruments. On a prospective basis, the change in fair value of these derivatives will be recognized in other comprehensive income (loss) rather than other income (expense) within the Condensed Consolidated Statement of Operations. Results and disclosures for reporting periods beginning on or after January 1, 2018, are presented under the new guidance within ASU 2017-12, while prior period amounts and disclosures are not adjusted and continue to be reported in accordance with our previous accounting. See [note 8, Derivatives](#), for further details and disclosures.

New Accounting Standards - Not Yet Adopted

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*, which requires a lessee to recognize on the balance sheet right-of-use assets and corresponding liabilities for leases with lease terms of more than 12 months. Leases will be classified as either finance or operating leases, with classification affecting the pattern of expense recognition in the income statement. The new guidance also clarifies the definition of a lease and disclosure requirements. ASU 2016-02 is effective for us in the first quarter of 2019. ASU 2016-02 requires lessees and lessors to apply a modified retrospective transition approach for leases existing at, or entered into after, the beginning of the earliest comparative period presented in the financial statements. The modified retrospective approach does not require any transition accounting for leases that expired before the earliest comparative period presented. In the first quarter of 2018, the FASB stated they plan to provide an optional transition

method permitting an entity to apply the transition provisions of ASU 2016-02 at its adoption date instead of at the earliest comparative period presented in the financial statements. This would ease the transition burden and allow us to record a cumulative effect adjustment to retained earnings as of January 1, 2019, without restatement of the previously reported comparative periods. Therefore, this is our preferred adoption method. We are currently evaluating the extent of the impact the new lease guidance will have on our financial statements and related disclosures, including the additional assets and liabilities that will be recognized on the balance sheet. To facilitate this, we are utilizing a comprehensive approach to review our lease portfolio, have selected a system for managing our leases, and are in the early stages of system implementation and updating of our controls. See note 15, Operating Leases, in our 2017 Annual Report on Form 10-K for the year ended December 31, 2017 for our minimum lease commitments under non-cancellable operating leases.

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*. This standard introduces a new approach to estimating credit losses on certain types of financial instruments, including trade receivables, and modifies the impairment model for available-for-sale debt securities. ASU 2016-13 is effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years, with early application permitted. We are currently assessing the impact that this standard will have on our Condensed Consolidated Financial Statements.

In February 2018, the FASB issued ASU 2018-02, *Income Statement - Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income*. This standard allows an optional reclassification from accumulated other comprehensive income to retained earnings for stranded tax effects resulting from the Tax Cuts and Jobs Act. Consequently, the stranded tax effects resulting from the Tax Cuts and Jobs Act will be eliminated, resulting in more useful information reported to financial statement users. ASU 2018-02 relates to only the reclassification of the income tax effects of the Tax Cuts and Jobs Act. The underlying guidance requiring that the effect of a change in tax laws or rates be included in income from continuing operations is not affected. ASU 2018-02 is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years, with early application permitted. We are currently assessing the impact that this standard will have on our Condensed Consolidated Financial Statements.

3. Balance Sheet Details

The following table provides detail of selected balance sheet items:

(dollars in thousands)	March 31, 2018	December 31, 2017
Accounts receivable:		
Trade receivables	\$ 84,320	\$ 88,786
Other receivables	1,273	1,211
Total accounts receivable, less allowances of \$9,803 and \$9,051	<u>\$ 85,593</u>	<u>\$ 89,997</u>
Inventories:		
Finished goods	\$ 185,957	\$ 170,774
Work in process	1,529	1,485
Raw materials	3,876	3,906
Repair parts	10,738	10,240
Operating supplies	1,544	1,481
Total inventories, less loss provisions of \$10,691 and \$10,308	<u>\$ 203,644</u>	<u>\$ 187,886</u>
Accrued liabilities:		
Accrued incentives	\$ 18,689	\$ 19,728
Other accrued liabilities	25,166	23,495
Total accrued liabilities	<u>\$ 43,855</u>	<u>\$ 43,223</u>

4. Borrowings

Borrowings consist of the following:

(dollars in thousands)	Interest Rate	Maturity Date	March 31, 2018	December 31, 2017
Borrowings under ABL Facility	floating	December 7, 2022 ⁽¹⁾	\$ 30,177	\$ —
Term Loan B	floating ⁽²⁾	April 9, 2021	383,500	384,600
AICEP Loan	0.00%	July 30, 2018	1,777	3,085
Total borrowings			415,454	387,685
Less — unamortized discount and finance fees			3,055	3,295
Total borrowings — net			412,399	384,390
Less — long term debt due within one year			6,177	7,485
Total long-term portion of borrowings — net			\$ 406,222	\$ 376,905

⁽¹⁾ Maturity date will be January 9, 2021, if Term Loan B is not refinanced by this date.

⁽²⁾ We have entered into an interest rate swap that effectively fixes a series of our future interest payments on a portion of the Term Loan B debt. See interest rate swap in [note 8](#) for additional details. The Term Loan B floating interest rate was 4.72 percent at March 31, 2018.

At March 31, 2018, the available borrowing base under the ABL Facility was offset by a \$0.5 million rent reserve. The ABL Facility also provides for the issuance of up to \$15.0 million of letters of credit which, when outstanding, are applied against the \$100.0 million limit. At March 31, 2018, \$7.5 million in letters of credit were outstanding. Remaining unused availability under the ABL Facility was \$61.8 million at March 31, 2018, compared to \$91.9 million at December 31, 2017.

5. Income Taxes

For interim tax reporting, we estimate our annual effective tax rate and apply it to our year-to-date ordinary income. Tax jurisdictions with a projected or year-to-date loss for which a tax benefit cannot be realized are excluded from the annualized effective tax rate. The tax effects of unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, are reported in the interim period in which they occur.

Our effective tax rate was 41.3 percent for the three months ended March 31, 2018, compared to 32.9 percent for the three months ended March 31, 2017. Our effective tax rate for the three months ended March 31, 2018, was above the United States statutory rate of 21 percent and was affected by the timing and mix of pretax income earned in jurisdictions with rates different from the United States statutory rate of (1.1) percent, the impact of foreign exchange of 6.0 percent, and other items including foreign withholding tax and nondeductible expenses of 15.4 percent. Our effective tax rate for the three months ended March 31, 2017, was below the United States statutory rate of 35 percent and was affected by the timing and mix of pretax income earned in jurisdictions with rates different from the United States statutory rate of (28.9) percent, the impact of foreign exchange of 12.7 percent, and other items including foreign withholding tax and nondeductible expenses of 14.1 percent.

The Company and its subsidiaries are subject to examination by various countries' tax authorities. These examinations may lead to proposed or assessed adjustments to our taxes. In August 2016, the Mexican tax authority (SAT) assessed one of our Mexican subsidiaries related to the audit of its 2010 tax year. The amount assessed was approximately 3 billion Mexican pesos, which was equivalent to approximately \$157 million U.S. dollars as of the date of the assessment. The Company has filed an administrative appeal with SAT requesting that the assessment be fully nullified. We are awaiting the outcome of the appeal. Management, in consultation with external legal counsel, believes that if contested in the Mexican court system, it is more likely than not that the Company would prevail on all significant components of the assessment. Management intends to continue to vigorously contest all significant components of the assessment in the Mexican courts if they are not nullified at the administrative appeal level. We believe that our tax reserves related to uncertain tax positions are adequate at this time. There were no significant developments affecting this matter for the three months ended March 31, 2018.

The Tax Cuts and Jobs Act (the Act), enacted December 22, 2017, changed many aspects of the U.S. tax code. Our accounting for the Act is incomplete. As noted at year-end, however, we were able to reasonably estimate certain effects and, therefore, recorded provisional adjustments associated with the deemed repatriation transition tax and the revaluation of our deferred taxes. We have not yet made an accounting policy decision regarding whether we will treat Global Intangible Low Taxed Income (GILTI) as a period cost or establish deferred taxes related thereto. We have not made any additional measurement-

period adjustments related to these items during the quarter. However, we are continuing to gather additional information to complete our accounting for these items and expect to complete our accounting within the prescribed measurement period.

6. Pension and Non-pension Post-retirement Benefits

We have pension plans covering the majority of our employees. Benefits generally are based on compensation and service for salaried employees and job grade and length of service for hourly employees. In addition, we have an unfunded supplemental employee retirement plan (SERP) that covers certain salaried U.S.-based employees of Libbey hired before January 1, 2006. The U.S. pension plans cover the salaried U.S.-based employees of Libbey hired before January 1, 2006, and most hourly U.S.-based employees (excluding employees hired at Shreveport after December 15, 2008 and at Toledo after September 30, 2010). Effective January 1, 2013, we ceased annual company contribution credits to the cash balance accounts in our Libbey U.S. Salaried Pension Plan and SERP. The non-U.S. pension plans cover the employees of our wholly owned subsidiary in Mexico and are unfunded.

The components of our net pension expense, including the SERP, are as follows:

Three months ended March 31, (dollars in thousands)	U.S. Plans		Non-U.S. Plans		Total	
	2018	2017	2018	2017	2018	2017
Service cost	\$ 979	\$ 1,075	\$ 292	\$ 251	\$ 1,271	\$ 1,326
Interest cost	3,165	3,450	763	637	3,928	4,087
Expected return on plan assets	(5,660)	(5,617)	—	—	(5,660)	(5,617)
Amortization of unrecognized:						
Prior service cost (credit)	—	59	(51)	(47)	(51)	12
Actuarial loss	1,637	1,352	159	138	1,796	1,490
Pension expense	\$ 121	\$ 319	\$ 1,163	\$ 979	\$ 1,284	\$ 1,298

We have contributed \$0.6 million of cash into our pension plans for the three months ended March 31, 2018. Pension contributions for the remainder of 2018 are estimated to be \$1.7 million.

We provide certain retiree healthcare and life insurance benefits covering our U.S. and Canadian salaried employees hired before January 1, 2004, and a majority of our union hourly employees (excluding employees hired at Shreveport after December 15, 2008, and at Toledo after September 30, 2010). Employees are generally eligible for benefits upon retirement and completion of a specified number of years of creditable service. Benefits for most hourly retirees are determined by collective bargaining. The U.S. non-pension, post-retirement plans cover the hourly and salaried U.S.-based employees of Libbey (excluding those mentioned above). The non-U.S., non-pension, post-retirement plans cover the retirees and active employees of Libbey who are located in Canada. The post-retirement benefit plans are unfunded.

The provision for our non-pension, post-retirement, benefit expense consists of the following:

Three months ended March 31, (dollars in thousands)	U.S. Plans		Non-U.S. Plans		Total	
	2018	2017	2018	2017	2018	2017
Service cost	\$ 151	\$ 220	\$ —	\$ —	\$ 151	\$ 220
Interest cost	456	581	10	11	466	592
Amortization of unrecognized:						
Prior service cost (credit)	(71)	(50)	—	—	(71)	(50)
Actuarial loss / (gain)	(52)	25	(16)	(13)	(68)	12
Non-pension post-retirement benefit expense	\$ 484	\$ 776	\$ (6)	\$ (2)	\$ 478	\$ 774

Our 2018 estimate of non-pension cash payments is \$4.3 million, and we have paid \$0.8 million for the three months ended March 31, 2018.

7. Net Loss per Share of Common Stock

The following table sets forth the computation of basic and diluted loss per share:

(dollars in thousands, except earnings per share)	Three months ended March 31,	
	2018	2017
Numerator for earnings per share:		
Net loss that is available to common shareholders	\$ (2,961)	\$ (6,570)
Denominator for basic earnings per share:		
Weighted average shares outstanding	22,086,640	21,938,735
Denominator for diluted earnings per share:		
Effect of stock options and restricted stock units	—	—
Adjusted weighted average shares and assumed conversions	22,086,640	21,938,735
Basic loss per share	<u>\$ (0.13)</u>	<u>\$ (0.30)</u>
Diluted loss per share	<u>\$ (0.13)</u>	<u>\$ (0.30)</u>
Shares excluded from diluted loss per share due to:		
Net loss position (excluded from denominator)	79,951	153,750
Inclusion would have been anti-dilutive (excluded from calculation)	1,006,899	615,587

When applicable, diluted shares outstanding include the dilutive impact of restricted stock units. Diluted shares also include the impact of eligible employee stock options, which are calculated based on the average share price for each fiscal period using the treasury stock method.

8. Derivatives

We utilize derivative financial instruments to hedge certain interest rate risks associated with our long-term debt and commodity price risks associated with forecasted future natural gas requirements. These derivatives, except for the natural gas contracts used in our Mexican manufacturing facilities prior to 2018, qualify for hedge accounting since the hedges are highly effective, and we have designated and documented contemporaneously the hedging relationships involving these derivative instruments. While we intend to continue to meet the conditions for hedge accounting, if hedges do not qualify as highly effective or if we do not believe that forecasted transactions would occur, the changes in the fair value of the derivatives used as hedges would be reflected in our earnings.

Prior to January 1, 2018, our derivatives used to reduce economic volatility of natural gas prices in Mexico were not designated as cash flow hedges. All mark-to-market changes on these derivatives were reflected in other income (expense). On January 1, 2018, we adopted ASU 2017-12 for hedge accounting. Under this new guidance, we are now applying contractually specified component hedging to all of our natural gas hedges. This has allowed us to record changes in fair value for outstanding natural gas derivatives to other comprehensive income (loss) beginning January 1, 2018. See [note 2](#) for additional details on the adoption of ASU 2017-12.

We do not believe we are exposed to more than a nominal amount of credit risk in our natural gas hedges and interest rate swap as the counterparties are established financial institutions. The counterparties for the derivative agreements are rated BBB+ or better as of March 31, 2018, by Standard and Poor's.

Fair Values

The following table provides the fair values of our derivative financial instruments for the periods presented:

(dollars in thousands)	Balance Sheet Location	Fair Value of Derivative Assets	
		March 31, 2018	December 31, 2017
Cash flow hedges:			
Interest rate swap	Prepaid and other current assets	\$ 567	\$ —
Interest rate swap	Other assets	1,262	646
Total designated		1,829	646
Total derivative assets		\$ 1,829	\$ 646
		Fair Value of Derivative Liabilities	
		March 31, 2018	December 31, 2017
Cash flow hedges:			
Interest rate swap	Derivative liability	\$ —	\$ 213
Natural gas contracts	Derivative liability	87	220
Natural gas contracts	Other long-term liabilities	7	7
Total designated		94	440
Derivatives not designated as hedging instruments:			
Natural gas contracts	Derivative liability	—	264
Natural gas contracts	Other long-term liabilities	—	12
Total undesignated		—	276
Total derivative liabilities		\$ 94	\$ 716

The following table presents the notional amount of derivatives on the Condensed Consolidated Balance Sheets:

Derivative Types	Unit of Measure	Notional Amounts	
		March 31, 2018	December 31, 2017
Natural gas contracts	Millions of British Thermal Units (MMBTUs)	2,160,000	2,480,000
Interest rate swap	Thousands of U.S. dollars	\$ 220,000	\$ 220,000

The following table presents cash settlements (paid) received related to the below derivatives:

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Natural gas contracts	\$ (198)	\$ 116
Interest rate swap	(178)	(600)
Total	\$ (376)	\$ (484)

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The following table provides a summary of the impacts of derivative gain (loss) on the Consolidated Statements of Operations and other comprehensive income (OCI):

(dollars in thousands)	Location	Three months ended March 31,	
		2018	2017
Cash flow hedges:			
<i>Effective portion of derivative gain (loss) recognized in OCI:</i>			
Natural gas contracts	OCI	\$ 211	\$ (470)
Interest rate swap	OCI	1,253	204
Total		\$ 1,464	\$ (266)
<i>Effective portion of derivative gain (loss) reclassified from accumulated OCI to current earnings:</i>			
Natural gas contracts	Cost of Sales	\$ (198)	\$ 67
Interest rate swap	Interest expense	(143)	(585)
Total		\$ (341)	\$ (518)
Derivatives not designated as hedging instruments:			
<i>Gain (loss) recognized in current earnings:</i>			
Natural gas contracts	Other income (expense)	—	(583)
Total		\$ —	\$ (583)

Natural Gas Contracts

We use natural gas swap contracts related to forecasted future North American natural gas requirements. The objective of these commodity contracts is to limit the fluctuations in prices paid due to price movements in the underlying commodity. We consider our forecasted natural gas requirements in determining the quantity of natural gas to hedge. We combine the forecasts with historical observations to establish the percentage of forecast eligible to be hedged, typically ranging from 40 percent to 70 percent of our anticipated requirements, up to 18 months in the future. The fair values of these instruments are determined from market quotes.

Hedge accounting is applied only when the derivative is deemed to be highly effective at offsetting changes in fair values or anticipated cash flows of the hedged item or transaction. For hedged forecasted transactions, hedge accounting is discontinued if the forecasted transaction is no longer probable to occur, and any previously deferred gains or losses would be recorded to earnings immediately. Changes in the fair value of these hedges are recorded in other comprehensive income (loss). As the natural gas contracts mature, the accumulated gains (losses) for the respective contracts are reclassified from accumulated other comprehensive loss to current expense in cost of sales in our Condensed Consolidated Statement of Operations.

Based on our current valuation, we estimate that accumulated losses for natural gas currently carried in accumulated other comprehensive loss that will be reclassified into earnings over the next twelve months will result in an immaterial impact to our Condensed Consolidated Statements of Operations.

Interest Rate Swap

On April 1, 2015, we executed an interest rate swap on our Term Loan B as part of our risk management strategy to mitigate the risks involved with fluctuating interest rates. The interest rate swap effectively converts \$220.0 million of our Term Loan B debt from a variable interest rate to a 4.85 percent fixed interest rate, thus reducing the impact of interest rate changes on future income. The fixed rate swap became effective in January 2016 and expires in January 2020. This interest rate swap is valued using the market standard methodology of netting the discounted expected future variable cash receipts and the discounted future fixed cash payments. The variable cash receipts are based on an expectation of future interest rates derived from observed market interest rate forward curves.

Our interest rate swap qualifies and is designated as a cash flow hedge at March 31, 2018, and is accounted for under FASB ASC 815, "Derivatives and Hedging". Hedge accounting is applied only when the derivative is deemed to be highly effective at offsetting changes in fair values or anticipated cash flows of the hedged item or transaction. For hedged forecasted transactions,

hedge accounting is discontinued if the forecasted transaction is no longer probable to occur, and any previously deferred gains or losses are recorded to earnings immediately. Changes in the fair value of these hedges are recorded in other comprehensive income (loss). Based on our current valuation, we estimate that accumulated gains currently carried in accumulated other comprehensive loss that will be reclassified into earnings over the next twelve months will result in a reduction to interest expense of \$0.6 million in our Condensed Consolidated Statements of Operations.

9. Accumulated Other Comprehensive Income (Loss)

Accumulated other comprehensive income (loss) (AOCI), net of tax, is as follows:

Three months ended March 31, 2018 (dollars in thousands)	Foreign Currency Translation	Derivative Instruments	Pension and Other Post-retirement Benefits	Accumulated Other Comprehensive Loss
Balance December 31, 2017	\$ (16,183)	\$ 351	\$ (89,340)	\$ (105,172)
Cumulative-effect adjustment for the adoption of ASU 2017-12	—	(275)	—	(275)
Amounts recognized into AOCI	4,333	1,464	—	5,797
Currency impact	—	—	(484)	(484)
Amounts reclassified from AOCI	—	341 ⁽¹⁾	1,606 ⁽²⁾	1,947
Tax effect	—	(335)	(367)	(702)
Other comprehensive income, net of tax	4,333	1,470	755	6,558
Balance on March 31, 2018	<u>\$ (11,850)</u>	<u>\$ 1,546</u>	<u>\$ (88,585)</u>	<u>\$ (98,889)</u>
Three months ended March 31, 2017 (dollars in thousands)	Foreign Currency Translation	Derivative Instruments	Pension and Other Post-retirement Benefits	Accumulated Other Comprehensive Loss
Balance on December 31, 2016	\$ (27,828)	\$ (515)	\$ (96,854)	\$ (125,197)
Amounts recognized into AOCI	1,408	(266)	—	1,142
Currency impact	—	—	(480)	(480)
Amounts reclassified from AOCI	—	518 ⁽¹⁾	1,464 ⁽²⁾	1,982
Tax effect	—	(87)	(528)	(615)
Other comprehensive income, net of tax	1,408	165	456	2,029
Balance on March 31, 2017	<u>\$ (26,420)</u>	<u>\$ (350)</u>	<u>\$ (96,398)</u>	<u>\$ (123,168)</u>

⁽¹⁾ We reclassified natural gas contracts through cost of sales and the interest rate swap through interest expense on the Condensed Consolidated Statements of Operations. See [note 8](#) for additional information.

⁽²⁾ We reclassified the net pension and non-pension post-retirement benefits amortization and settlement charges through other income (expense) on the Condensed Consolidated Statements of Operations. See [note 6](#) for additional information.

10. Segments

Our reporting segments align with our regionally focused organizational structure, which we believe enables us to better serve customers across the globe. Under this structure, we report financial results for U.S. and Canada; Latin America; Europe, the Middle East and Africa (EMEA); and Other. Segment results are based primarily on the geographical destination of the sale. Our three reportable segments are defined below. Our operating segment that does not meet the criteria to be a reportable segment is disclosed as Other.

U.S. & Canada—includes sales of manufactured and sourced tableware having an end-market destination in the U.S and Canada, excluding glass products for Original Equipment Manufacturers (OEM), which remain in the Latin America segment.

Latin America—includes primarily sales of manufactured and sourced glass tableware having an end-market destination in Latin America, as well as glass products for OEMs regardless of end-market destination.

EMEA—includes primarily sales of manufactured and sourced glass tableware having an end-market destination in Europe, the Middle East and Africa.

Other—includes primarily sales of manufactured and sourced glass tableware having an end-market destination in Asia Pacific.

Our measure of profit for our reportable segments is Segment Earnings before Interest and Taxes (Segment EBIT) and excludes amounts related to certain items we consider not representative of ongoing operations as well as certain retained corporate costs and other allocations that are not considered by management when evaluating performance. Segment EBIT also includes an allocation of manufacturing costs for inventory produced at a Libbey facility that is located in a region other than the end market in which the inventory is sold. This allocation can fluctuate from year to year based on the relative demands for products produced in regions other than the end markets in which they are sold. We use Segment EBIT, along with net sales and selected cash flow information, to evaluate performance and to allocate resources. Segment EBIT for reportable segments includes an allocation of some corporate expenses based on the costs of services performed.

Certain activities not related to any particular reportable segment are reported within retained corporate costs. These costs include certain headquarter, administrative and facility costs, and other costs that are global in nature and are not allocable to the reporting segments.

The accounting policies of the reportable segments are the same as those described in [note 2](#). We do not have any customers who represent 10 percent or more of total sales. Inter-segment sales are consummated at arm's length and are reflected at end-market reporting below.

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Net Sales:		
U.S. & Canada	\$ 107,941	\$ 109,329
Latin America	34,333	30,722
EMEA	32,248	25,331
Other	7,391	7,612
Consolidated	<u>\$ 181,913</u>	<u>\$ 172,994</u>
Segment EBIT:		
U.S. & Canada	\$ 4,724	\$ 7,501
Latin America	2,150	(3,079)
EMEA	1,005	(837)
Other	(1,129)	(1,215)
Total Segment EBIT	<u>\$ 6,750</u>	<u>\$ 2,370</u>
Reconciliation of Segment EBIT to Net Loss:		
Segment EBIT	\$ 6,750	\$ 2,370
Retained corporate costs	(6,710)	(7,291)
Interest expense	(5,084)	(4,867)
Benefit from income taxes	2,083	3,218
Net loss	<u>\$ (2,961)</u>	<u>\$ (6,570)</u>
Depreciation & Amortization:		
U.S. & Canada	\$ 3,387	\$ 3,082
Latin America	4,710	4,397
EMEA	2,009	1,844
Other	1,314	1,354
Corporate	459	478
Consolidated	<u>\$ 11,879</u>	<u>\$ 11,155</u>
Capital Expenditures:		
U.S. & Canada	\$ 7,137	\$ 1,937
Latin America	2,389	6,982
EMEA	1,294	2,763
Other	120	213
Corporate	331	57
Consolidated	<u>\$ 11,271</u>	<u>\$ 11,952</u>

11. Revenue

Our primary source of revenue is the sale of glassware products manufactured within a Libbey facility, as well as globally sourced tabletop products including glassware, ceramicware, metalware and others. Our customer contracts generally include a single performance obligation, the shipment of specified products, and are recognized at a point in time when control of the product has transferred to the customer, which primarily takes place when risk of loss transfers in accordance with applicable shipping terms. Revenue is recognized based on the consideration specified in a contract with the customer, and is measured as the amount of consideration we expect to be entitled in exchange for transferring goods or providing services. When applicable, the transaction price includes estimates of variable consideration to the extent it is probable that a significant reversal of revenue recognized will not occur. We estimate provisions for rebates, customer incentives, allowances, returns and discounts based on the terms of the contracts, historical experience and anticipated customer purchases during the rebate period. We continually evaluate the adequacy of these methods used, adjusting our estimates when the amount of consideration we expect to be entitled changes. Refund liabilities are included in accrued liabilities on the Condensed Consolidated Balance Sheet. Our payment terms are based on customary business practices and can vary by region and customer type, but are generally 0 - 90 days. Since the term between invoicing and expected payment is less than a year, we do not adjust the transaction price for the effects of a financing component. Taxes collected from customers are excluded from revenues and credited directly to obligations to the appropriate governmental agencies.

For the three months ended March 31, 2018, bad debt expense was immaterial. Additionally, adjustments related to revenue recognized in prior periods was not material for the three months ended March 31, 2018. There were no material contract assets, contract liabilities or deferred contract costs recorded on the Condensed Consolidated Balance Sheet as of March 31, 2018. For contracts with a duration of less than one year, we follow an allowable practical expedient and expense contract acquisition costs when incurred. We do not have any costs to obtain or fulfill a contract that are capitalized under ASC Topic 606.

Disaggregation of Revenue:

The following table presents our net sales disaggregated by business channel:

(dollars in thousands)	Three months ended	
	March 31, 2018	
Foodservice	\$	76,173
Retail		55,761
Business-to-business		49,979
Consolidated	\$	181,913

Each operating segment has revenues across all our business channels. Each channel has a different marketing strategy, customer base and product composition. Over 75 percent of each segment's revenue is derived from the following business channels: U.S. and Canada from foodservice and retail; Latin America from retail and business-to-business; and EMEA from business-to-business and retail.

Foodservice

The majority of our tabletop products sold in the foodservice channel are sold through a network of foodservice distributors. Our strong foodservice distributor network and in-house sales force provide broad coverage to a wide variety of foodservice establishments, including restaurants, bars, hotels and other travel and tourism venues. A high percentage of foodservice sales are replacements, driving a relatively predictable revenue stream.

Retail

Our primary customers in the retail channel include mass merchants, department stores, national retail chains, pure play e-commerce retailers or marketers, retail and wholesale distributors, value-oriented retailers, grocers and specialty housewares stores. We also operate outlet stores in the U.S. and Mexico.

Business-to-business

Our customers for products sold in the diverse business-to-business channel include beverage companies and custom decorators of glassware for promotional purposes and resale. In addition, sales of our products in this channel include products for candle

and floral applications, craft industries and gourmet food-packing companies. Latin America also sells blender jars and various OEM products in this channel.

12. Fair Value

Fair value is the price that would be received to sell an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy prioritizes the inputs used in measuring fair value into three broad levels as follows:

- Level 1 — Quoted prices in active markets for identical assets or liabilities;
- Level 2 — Inputs, other than the quoted prices in active markets, that are observable either directly or indirectly; and
- Level 3 — Unobservable inputs based on our own assumptions.

The fair value of our derivative financial instruments by level is as follows:

Asset / (Liability) (dollars in thousands)	Fair Value at March 31, 2018				Fair Value at December 31, 2017			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
Commodity futures natural gas contracts	\$ —	\$ (94)	\$ —	\$ (94)	\$ —	\$ (503)	\$ —	\$ (503)
Interest rate swap	—	1,829	—	1,829	—	433	—	433
Net derivative asset (liability)	\$ —	\$ 1,735	\$ —	\$ 1,735	\$ —	\$ (70)	\$ —	\$ (70)

The fair values of our commodity futures natural gas contracts are determined using observable market inputs. The fair value of our interest rate swap is based on the market standard methodology of netting the discounted expected future variable cash receipts and the discounted future fixed cash payments. The variable cash receipts are based on an expectation of future interest rates derived from observed market interest rate forward curves. Since these inputs are observable in active markets over the terms that the instruments are held, the derivatives are classified as Level 2 in the hierarchy. We also evaluate Company and counterparty risk in determining fair values. The commodity futures natural gas contracts and interest rate swap are hedges of either recorded assets or liabilities or anticipated transactions. Changes in values of the underlying hedged assets and liabilities or anticipated transactions are not reflected in the above table.

Financial instruments carried at cost on the Condensed Consolidated Balance Sheets, as well as the related fair values, are as follows:

(dollars in thousands)	Fair Value Hierarchy Level	March 31, 2018		December 31, 2017	
		Carrying Amount	Fair Value	Carrying Amount	Fair Value
Term Loan B	Level 2	\$ 383,500	\$ 378,227	\$ 384,600	\$ 370,178

The fair value of our Term Loan B has been calculated based on quoted market prices for the same or similar issues, and the fair value of our ABL Facility approximates carrying value due to variable rates. The fair value of our other immaterial debt approximates carrying value at March 31, 2018 and December 31, 2017. The fair value of our cash and cash equivalents, accounts receivable and accounts payable approximate their carrying value due to their short term nature.

13. Other Income (Expense)

Items included in other income (expense) in the Condensed Consolidated Statements of Operations are as follows:

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Gain (loss) on currency transactions	\$ (1,650)	\$ (1,544)
Gain (loss) on mark-to-market natural gas contracts	—	(582)
Pension and non-pension benefits, excluding service cost	(340)	(526)
Other non-operating income (expense)	(117)	(134)
Other income (expense)	\$ (2,107)	\$ (2,786)

14. Contingencies

Legal Proceedings

From time to time, we are identified as a "potentially responsible party" (PRP) under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and/or similar state laws that impose liability without regard to fault for costs and damages relating to the investigation and clean-up of contamination resulting from releases or threatened releases of hazardous substances. We are also subject to similar laws in some of the countries where our facilities are located. Our environmental, health and safety department monitors compliance with applicable laws on a global basis.

Although we cannot predict the ultimate outcome of any proceedings, we believe that our environmental legal proceedings will not have a material adverse impact on our financial condition, results of operations or liquidity. There were no significant changes to our environmental legal proceedings since December 31, 2017. Please refer to Part II, Item 8. "Financial Statements and Supplementary Data," note 17, Contingencies, included in our 2017 Annual Report on Form 10-K for a more complete discussion.

Income Taxes

The Company and its subsidiaries are subject to examination by various countries' tax authorities. These examinations may lead to proposed or assessed adjustments to our taxes. Please refer to [note 5](#), Income Taxes, for a detailed discussion on tax contingencies.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with our Condensed Consolidated Financial Statements and the related notes thereto appearing elsewhere in this report and in our Annual Report filed with the Securities and Exchange Commission. This discussion and analysis contains forward-looking statements that involve risks, uncertainties and assumptions. Our actual results may differ from those anticipated in these forward-looking statements as a result of many factors. Our risk factors are set forth in Part I, Item 1A. "Risk Factors" in our 2017 Annual Report on Form 10-K for the year ended December 31, 2017 .

Overview

During the first quarter of 2018 , we continued to operate in a competitive environment. With global glass production capacity exceeding demand and several of our competitors throughout the world experiencing financial difficulties, all business channels continue to be impacted by global competition. We see limited signs of this competitive environment abating during 2018.

In spite of a weakening U.S. dollar in the first quarter of 2018, and political uncertainty as the result of potential tariff increases, the U.S. economy is expected to remain strong for the rest of 2018. We have observed declines in U.S. foodservice traffic for every quarter since 2012, as reported by third-party research firms Knapp-Track and Blackbox. Even with declines in foodservice traffic, we continue to experience volume growth in our foodservice channel. As the retail industry continues to transform from brick-and-mortar to on-line commerce, our sales through our e-commerce platform are expected to grow during the remainder of 2018. Management expects the trends experienced in the U.S. foodservice and retail distribution channels to continue through the remainder of 2018.

The Latin America economy is expected to grow in 2018 despite volatility in the Mexican peso exchange rate and political uncertainty. The Mexican economy continues to show signs of recovery in 2018. Mexico's economy remains resilient despite the continued uncertainty surrounding negotiations regarding the North American Free Trade Agreement (NAFTA) and concerns with the upcoming presidential elections in July 2018.

The European economy continues to show signs of improvement, with momentum expected to be sustained in 2018, including major progress with respect to the Brexit negotiations; however, continued political unrest within the region creates uncertainty. China's competitive environment continues to be challenging, and economic growth rates in China are similar to those over the last few years. Despite a buoyant start to 2018, the potential for a trade war is increasing, which could offset any economic growth in the Asia Pacific region.

The business-to-business channel is impacted by general trends in each region and is dependent on customer demands.

In the first quarter of 2018, our net sales of \$181.9 million were 5.2 percent higher than the prior-year quarter, or 1.4 percent higher on a constant currency basis, as both the EMEA and Latin America segments experienced increased net sales. U.S. & Canada net sales for the first quarter decreased 1.3 percent, driven by unfavorable price, product and channel mix, partially offset by increased volume. Net sales in Latin America for the first quarter of 2018 increased 11.8 percent as compared to the prior-year quarter, or 5.9 percent on a constant currency basis, as a result of higher volume and favorable currency, partially offset by unfavorable product and channel mix. Net sales in the EMEA segment increased 27.3 percent, or 11.2 percent on a constant currency basis, as the result of a favorable currency impact, higher volume and favorable price and product mix in the first quarter of 2018. We recorded a net loss of \$3.0 million for the three months ended March 31, 2018, compared to a net loss of \$6.6 million in the year-ago quarter. Our profitability continues to be impacted by heightened competitive pressures that have led to weaker sales margins; however, we continue to see signs that our initiatives are positively impacting our financial results. Profitability improved for the third consecutive quarter in EMEA. Additionally, Latin America's pricing actions continue to favorably impact results. We also continue to have favorable manufacturing activity results, maintaining our momentum from the second half of 2017.

The Tax Cuts and Jobs Act (the Act), signed into law on December 22, 2017, changed many aspects of the U.S. tax code by reducing the corporate income tax rate from 35 percent to 21 percent, shifting to a territorial tax system with a related one-time transition tax on accumulated, unremitted earnings of foreign subsidiaries, limiting interest deductions, allowing the current expensing of certain capital expenditures, and numerous other changes. Most of these changes became effective January 1, 2018. Overall, the 14 percentage point tax rate reduction is favorable to Libbey, but other new, unfavorable tax law changes could reduce this benefit. Such unfavorable changes, including the Global Intangible Low Taxed Income provision (GILTI) and restrictions on taxpayers' ability to deduct executive compensation, increase tax liabilities and could result in a U.S. effective tax rate in excess of 21 percent. Our tax provision for the first quarter of 2018 was not materially affected by the U.S. law

changes due in part to the offsetting nature of the changes such as those discussed above as well as the relative mix of U.S. versus non-U.S. income, which served to dilute the impact of U.S. tax reform on our consolidated tax rate.

See [note 10](#), Segments, for details on how we report and define our segments.

Results of Operations

The following table presents key results of our operations for the three months ended March 31, 2018 and 2017 :

(dollars in thousands, except percentages and per-share amounts)	Three months ended March 31,	
	2018	2017
Net sales	\$ 181,913	\$ 172,994
Gross profit	\$ 33,670	\$ 31,197
<i>Gross profit margin</i>	18.5 %	18.0 %
Income (loss) from operations (IFO)	\$ 2,147	\$ (2,135)
<i>IFO margin</i>	1.2 %	(1.2)%
Net loss	\$ (2,961)	\$ (6,570)
<i>Net loss margin</i>	(1.6)%	(3.8)%
Diluted net loss per share	\$ (0.13)	\$ (0.30)
Adjusted earnings before interest, taxes, depreciation and amortization (Adjusted EBITDA) ⁽¹⁾ (non-GAAP)	\$ 11,919	\$ 6,234
<i>Adjusted EBITDA margin ⁽¹⁾ (non-GAAP)</i>	6.6 %	3.6 %

⁽¹⁾ We believe that Adjusted EBITDA and the associated margin, non-GAAP financial measures, are useful metrics for evaluating our financial performance, as they are measures that we use internally to assess our performance. For a reconciliation from net loss to Adjusted EBITDA, certain limitations and reasons we believe these non-GAAP measures are useful, see the "Reconciliation of Net Loss to Adjusted EBITDA" and "Non-GAAP Measures" sections below in the Discussion of First Quarter 2018 Compared to First Quarter 2017 .

Discussion of First Quarter 2018 Compared to First Quarter 2017

Net Sales

The following table summarizes net sales by operating segment:

Three months ended March 31, (dollars in thousands)	2018	2017	Increase/(Decrease)		Currency Effects	Constant Currency Sales Growth (Decline) ⁽¹⁾
			\$ Change	% Change		
U.S. & Canada	\$ 107,941	\$ 109,329	\$ (1,388)	(1.3)%	\$ 49	(1.3)%
Latin America	34,333	30,722	3,611	11.8 %	1,807	5.9 %
EMEA	32,248	25,331	6,917	27.3 %	4,087	11.2 %
Other	7,391	7,612	(221)	(2.9)%	521	(9.7)%
Consolidated	\$ 181,913	\$ 172,994	\$ 8,919	5.2 %	\$ 6,464	1.4 %

⁽¹⁾ We believe constant currency sales growth (decline), a non-GAAP measure, is a useful metric for evaluating our financial performance. See the "Non-GAAP Measures" section below for the reasons we believe this non-GAAP metric is useful and how it is derived.

Net Sales — U.S. & Canada

Net sales in U.S. & Canada in the first quarter of 2018 were \$107.9 million , compared to \$109.3 million in the first quarter of 2017 , a decrease of 1.3 percent. Net sales in the retail channel decreased 5.0 percent, or \$1.4 million, due to lower volume than the prior-year period. Our business-to-business channel net sales were down 2.4 percent, or \$0.5 million, due to an unfavorable price and mix of product sold. Partially offsetting these declines was an increase of 0.9 percent, or \$0.5 million, in foodservice net sales for the quarter. Despite the continued declines in foodservice traffic, as reported by third-party research firms Knapp-

Track and Blackbox, our foodservice channel increase was driven by higher volume in the quarter as compared to the prior-year quarter. The U.S. & Canada segment experienced higher sales volume on products with lower price points, leading to an unfavorable price and product mix for the segment.

Net Sales — Latin America

Net sales in Latin America in the first quarter of 2018 were \$34.3 million, compared to \$30.7 million in the first quarter of 2017, an increase of 11.8 percent (an increase of 5.9 percent excluding currency fluctuation). All three channels reported higher sales as compared to the prior-year quarter as a result of higher volume and a favorable currency impact. Net sales in retail increased 15.8 percent, or \$2.2 million, and business-to-business net sales increased 5.6 percent, or \$0.8 million. Partially offsetting the increased volume and favorable currency was unfavorable product mix in our business-to-business channel, as well as an unfavorable mix among the channels in the segment when compared to the first quarter of 2017.

Net Sales — EMEA

Net sales in EMEA in the first quarter of 2018 were \$32.2 million, compared to \$25.3 million in the first quarter of 2017, an increase of 27.3 percent (an increase of 11.2 percent excluding currency fluctuation). The net sales increase is attributable to a favorable currency impact of \$4.1 million, as well as higher volume and favorable price and product mix on product sold in all three channels.

Gross Profit

Gross profit increased to \$33.7 million in the first quarter of 2018, compared to \$31.2 million in the prior-year quarter. Gross profit as a percentage of net sales increased to 18.5 percent in the first quarter of 2018, compared to 18.0 percent in the prior-year quarter. The primary drivers of the \$2.5 million increase in gross profit were a favorable currency impact of \$2.8 million, primarily associated with the Mexican peso, and favorable manufacturing activity of \$0.5 million. Partially offsetting the increase was an unfavorable net sales impact of \$0.9 million. Manufacturing activity includes the impact of fluctuating production activities from all facilities globally and associated manufacturing costs, including warehousing costs, freight, and repairs and maintenance. The net sales impact equals net sales less the associated inventory at standard cost rates.

Income (Loss) From Operations

Income (loss) from operations for the quarter ended March 31, 2018, increased \$4.3 million to \$2.1 million, compared to a loss of \$(2.1) million in the prior-year quarter. Income (loss) from operations as a percentage of net sales was 1.2 percent for the quarter ended March 31, 2018, compared to (1.2) percent in the prior-year quarter. The increase in income (loss) from operations is the result of the increase in gross profit of \$2.5 million (discussed above) and lower selling, general and administrative expenses of \$1.8 million. The favorable change in selling, general and administrative expenses was driven by reduced expenses for our e-commerce initiative of \$1.1 million and reduced marketing expenses of \$0.6 million.

Net Loss and Diluted Net Loss Per Share

We recorded a net loss of \$(3.0) million, or \$(0.13) per diluted share, in the first quarter of 2018, compared to a net loss of \$(6.6) million, or \$(0.30) per diluted share, in the prior-year quarter. Net loss as a percentage of net sales was (1.6) percent in the first quarter of 2018, compared to (3.8) percent in the prior-year quarter. The favorable change in net loss and diluted net loss per share is due to the factors discussed in Income (Loss) From Operations above and a \$0.7 million favorable change in other income (expense), partially offset by a reduction of \$1.1 million in our benefit from income taxes. The effective tax rate was 41.3 percent for the first quarter of 2018, compared to 32.9 percent in the prior-year quarter. The net impact on our consolidated effective tax rate resulting from the U.S. tax reform was more than offset by the relative weight of income earned in non-U.S. tax jurisdictions with varying effective tax rates, resulting in a higher effective tax rate in the current period compared with the prior-year period.

Segment Earnings Before Interest and Income Taxes (Segment EBIT)

The following table summarizes Segment EBIT ⁽¹⁾ by operating segments:

Three months ended March 31, (dollars in thousands)				Segment EBIT Margin	
	2018	2017	\$ Change	2018	2017
U.S. & Canada	\$ 4,724	\$ 7,501	\$ (2,777)	4.4%	6.9%
Latin America	\$ 2,150	\$ (3,079)	\$ 5,229	6.3%	(10.0)%
EMEA	\$ 1,005	\$ (837)	\$ 1,842	3.1%	(3.3)%

⁽¹⁾ *Segment EBIT represents earnings before interest and taxes and excludes amounts related to certain items we consider not representative of ongoing operations as well as certain retained corporate costs and other allocations that are not considered by management when evaluating performance. Segment EBIT also includes an allocation of manufacturing costs for inventory produced at a Libbey facility that is located in a region other than the end market in which the inventory is sold. This allocation can fluctuate from year to year based on the relative demands for products produced in regions other than the end markets in which they are sold. See note 10 to the Condensed Consolidated Financial Statements for a reconciliation of Segment EBIT to net loss.*

Segment EBIT — U.S. & Canada

Segment EBIT was \$4.7 million in the first quarter of 2018, compared to \$7.5 million in the first quarter of 2017. Segment EBIT as a percentage of net sales decreased to 4.4 percent for 2018, compared to 6.9 percent in 2017. The \$2.8 million decrease in Segment EBIT was driven by an unfavorable sales impact of \$5.4 million. Partially offsetting this were reduced expenses relating to our e-commerce initiative of \$1.5 million and pension and healthcare of \$0.7 million.

Segment EBIT — Latin America

Segment EBIT increased to \$2.2 million in the first quarter of 2018, from \$(3.1) million in the first quarter of 2017. Segment EBIT as a percentage of net sales increased to 6.3 percent for 2018, compared to (10.0) percent in 2017. The primary drivers of the \$5.2 million increase were a favorable sales impact of \$2.7 million and a favorable currency impact of \$2.4 million.

Segment EBIT — EMEA

Segment EBIT increased to \$1.0 million in the first quarter of 2018, compared to \$(0.8) million in the first quarter of 2017. Segment EBIT as a percentage of net sales increased to 3.1 percent for 2018, from (3.3) percent in 2017. The primary drivers of the \$1.8 million increase in Segment EBIT were a favorable sales impact of \$1.0 million and a favorable manufacturing activity impact of \$0.7 million, primarily driven by less downtime in the current year.

Adjusted EBITDA

Adjusted EBITDA increased by \$5.7 million to \$11.9 million in the first quarter of 2018, compared to \$6.2 million in the first quarter of 2017. As a percentage of net sales, our Adjusted EBITDA margin was 6.6 percent for the first quarter of 2018, compared to 3.6 percent in the year-ago quarter. The key contributors to the increase in Adjusted EBITDA were a favorable currency impact of \$2.3 million, reduced selling, general and administrative expenses of \$2.6 million (primarily related to reduced spend on our e-commerce initiative), the non-repeating unfavorable impact of \$0.6 million in the prior year on the mark-to-market of our natural gas contracts, and a favorable manufacturing activity impact of \$0.5 million. Partially offsetting the favorable items was an unfavorable sales impact of \$0.9 million. Adjusted EBITDA excludes special items that Libbey believes are not reflective of our core operating performance as noted below in the "Reconciliation of Net Loss to Adjusted EBITDA."

Reconciliation of Net Loss to Adjusted EBITDA

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Net loss (U.S. GAAP)	\$ (2,961)	\$ (6,570)
Add:		
Interest expense	5,084	4,867
Benefit from income taxes	(2,083)	(3,218)
Depreciation and amortization	11,879	11,155
Adjusted EBITDA (non-GAAP)	\$ 11,919	\$ 6,234
Net sales	\$ 181,913	\$ 172,994
Net loss margin (U.S. GAAP)	(1.6)%	(3.8)%
Adjusted EBITDA margin (non-GAAP)	6.6 %	3.6 %

Non-GAAP Measures

We sometimes refer to amounts, associated margins and other data derived from condensed consolidated financial information but not required by GAAP to be presented in financial statements. Certain of these data are considered “non-GAAP financial measures” under Securities and Exchange Commission (SEC) Regulation G. Our non-GAAP measures are used by analysts, investors and other interested parties to compare our performance with the performance of other companies that report similar non-GAAP measures. Libbey believes these non-GAAP measures provide meaningful supplemental information regarding financial performance by excluding certain expenses and benefits that may not be indicative of core business operating results. We believe the non-GAAP measures, when viewed in conjunction with U.S. GAAP results and the accompanying reconciliations, enhance the comparability of results against prior periods and allow for greater transparency of financial results and business outlook. In addition, we use non-GAAP data internally to assess performance and facilitate management's internal comparison of our financial performance to that of prior periods, as well as trend analysis for budgeting and planning purposes. The presentation of our non-GAAP measures is not intended to be considered in isolation or as a substitute for, or superior to, the financial information prepared and presented in accordance with U.S. GAAP. Furthermore, our non-GAAP measures may not be comparable to similarly titled measures reported by other companies and may have limitations as an analytical tool.

We define Adjusted EBITDA as net income (loss) plus interest expense, provision for income taxes, depreciation and amortization, and special items that Libbey believes are not reflective of our core operating performance. The most directly comparable U.S. GAAP financial measure is net income (loss).

We present Adjusted EBITDA because we believe it is used by analysts, investors and other interested parties in comparing our performance across reporting periods on a consistent basis by excluding items that we do not believe are indicative of our core business operating results. Adjusted EBITDA also allows for a measure of comparability to other companies with different capital and legal structures, which accordingly may be subject to different interest rates and effective tax rates, and to companies that may incur different depreciation and amortization expenses or impairment charges. In addition, we use Adjusted EBITDA internally to measure profitability.

Adjusted EBITDA has limitations as an analytical tool. Some of these limitations are:

- Adjusted EBITDA does not reflect changes in, or cash requirements for, our working capital needs;
- Adjusted EBITDA does not reflect the significant interest expense, or the cash requirements necessary to service interest or principal payments, on our debts;
- Although depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often have to be replaced in the future, and Adjusted EBITDA does not reflect any cash requirements for such replacements of capital expenditures or contractual commitments;
- Adjusted EBITDA does not reflect the impact of certain cash charges resulting from matters we consider not to be indicative of our ongoing operations; and
- Other companies in our industry may calculate Adjusted EBITDA differently than we do, limiting its usefulness as a comparative measure.

Because of these limitations, Adjusted EBITDA should not be considered in isolation or as a substitute for performance measures calculated in accordance with U.S. GAAP.

Constant Currency

We translate revenue and expense accounts in our non-U.S. operations at current average exchange rates during the year. References to "constant currency," "excluding currency impact" and "adjusted for currency" are considered non-GAAP measures. Constant currency references regarding net sales reflect a simple mathematical translation of local currency results using the comparable prior period's currency conversion rate. Constant currency references regarding Segment EBIT and Adjusted EBITDA comprise a simple mathematical translation of local currency results using the comparable prior period's currency conversion rate plus the transactional impact of changes in exchange rates from revenues, expenses and assets and liabilities that are denominated in a currency other than the functional currency. We believe this non-GAAP constant currency information provides valuable supplemental information regarding our core operating results, better identifies operating trends that may otherwise be masked or distorted by exchange rate changes and provides a higher degree of transparency of information used by management in its evaluation of our ongoing operations. These non-GAAP measures should be viewed in addition to, and not as an alternative to, the reported results prepared in accordance with GAAP. Our currency market risks include currency fluctuations relative to the U.S. dollar, Canadian dollar, Mexican peso, euro and RMB.

Capital Resources and Liquidity

Historically, cash flows generated from operations, cash on hand and our borrowing capacity under our ABL Facility have enabled us to meet our cash requirements, including capital expenditures and working capital requirements. Under the ABL Facility at March 31, 2018, we had \$30.2 million of outstanding borrowings, \$7.5 million outstanding in letters of credit and \$0.5 million in rent reserves, resulting in \$61.8 million of unused availability. In addition, we had \$25.7 million of cash on hand at March 31, 2018, compared to \$24.7 million of cash on hand at December 31, 2017. Of our total cash on hand at March 31, 2018 and December 31, 2017, \$25.5 million and \$20.4 million, respectively, were held in foreign subsidiaries. Except for our Chinese and Canadian subsidiaries, we plan to indefinitely reinvest the earnings of all foreign subsidiaries to support ongoing operations, capital expenditures, debt service and continued growth plans outside the United States. Our Chinese subsidiaries' cash balance was \$14.5 million as of March 31, 2018. Local law currently prevents distribution of this cash as a dividend because 100 percent of our Chinese subsidiaries' distributable income was paid as a dividend in the fourth quarter of 2015; however, additional amounts may become distributable based on future income. For further information regarding potential dividends from our non-U.S. subsidiaries, see note 7, Income Taxes, in our 2017 Annual Report on Form 10-K for the year ended December 31, 2017.

Our sales and operating income tend to be stronger in the last three quarters of each year and weaker in the first quarter of each year, primarily due to the impact of consumer buying patterns and production activity. This seasonal pattern causes cash provided by operating activities to be higher in the second half of the year and lower during the first half of the year. Based on our operating plans and current forecast expectations, we anticipate that our level of cash on hand, cash flows from operations and borrowing capacity under our ABL Facility will provide sufficient cash availability to meet our ongoing liquidity needs.

Balance Sheet and Cash Flows

Cash and Equivalents

See the cash flow section below for a discussion of our cash balance.

Trade Working Capital

The following table presents our Trade Working Capital components:

(dollars in thousands, except percentages and DSO, DIO, DPO and DWC)	March 31, 2018	December 31, 2017
Accounts receivable — net	\$ 85,593	\$ 89,997
<i>DSO</i> ⁽¹⁾	39.5	42.0
Inventories — net	\$ 203,644	\$ 187,886
<i>DIO</i> ⁽²⁾	94.0	87.7
Accounts payable	\$ 73,305	\$ 78,346
<i>DPO</i> ⁽³⁾	33.8	36.6
Trade Working Capital ⁽⁴⁾ (non-GAAP)	\$ 215,932	\$ 199,537
<i>DWC</i> ⁽⁵⁾	99.7	93.2
<i>Percentage of net sales</i>	27.3%	25.5%

⁽¹⁾ *Days sales outstanding (DSO) measures the number of days it takes to turn receivables into cash.*

⁽²⁾ *Days inventory outstanding (DIO) measures the number of days it takes to turn inventory into net sales.*

⁽³⁾ *Days payable outstanding (DPO) measures the number of days it takes to pay the balances of our accounts payable.*

⁽⁴⁾ *Trade Working Capital is defined as net accounts receivable plus net inventories less accounts payable. See below for further discussion as to the reasons we believe this non-GAAP financial measure is useful.*

⁽⁵⁾ *Days working capital (DWC) measures the number of days it takes to turn our Trade Working Capital into cash.*

DSO, DIO, DPO and DWC are calculated using the last twelve months' net sales as the denominator and are based on a 365-day year.

We believe that Trade Working Capital is important supplemental information for investors in evaluating liquidity in that it provides insight into the availability of net current resources to fund our ongoing operations. Trade Working Capital is a measure used by management in internal evaluations of cash availability and operational performance.

Trade Working Capital is used in conjunction with and in addition to results presented in accordance with U.S. GAAP. Trade Working Capital is neither intended to represent nor be an alternative to any measure of liquidity and operational performance recorded under U.S. GAAP. Trade Working Capital may not be comparable to similarly titled measures reported by other companies.

Trade Working Capital (as defined above) was \$215.9 million at March 31, 2018, an increase of \$16.4 million from December 31, 2017. Our Trade Working Capital normally increases during the first quarter of the year due to the seasonality of our business. In particular, inventory normally increases to prepare for seasonally higher orders that typically exceed production levels in the later part of the year. Our increase in Trade Working Capital is primarily due to additional inventories resulting from seasonality, higher inventory levels to fulfill customer orders, and new product introductions. In addition, the impact of currency (primarily driven by the peso and euro) increased total Trade Working Capital by \$2.5 million at March 31, 2018, in comparison to December 31, 2017. Partially offsetting the increases to Trade Working Capital were reductions in accounts receivable related to timing of collections and seasonally lower sales volume, and lower accounts payable. As a result of the factors above, Trade Working Capital as a percentage of the last twelve-month net sales increased to 27.3 percent at March 31, 2018, from 25.5 percent at December 31, 2017, and 24.0 percent at March 31, 2017.

Borrowings

The following table presents our total borrowings:

(dollars in thousands)	Interest Rate	Maturity Date	March 31, 2018	December 31, 2017
Borrowings under ABL Facility	floating	December 7, 2022 ⁽¹⁾	\$ 30,177	\$ —
Term Loan B	floating ⁽²⁾	April 9, 2021	383,500	384,600
AICEP Loan	0.00%	July 30, 2018	1,777	3,085
Total borrowings			415,454	387,685
Less — unamortized discount and finance fees			3,055	3,295
Total borrowings — net ⁽³⁾			\$ 412,399	\$ 384,390

⁽¹⁾ Maturity date will be January 9, 2021 if Term Loan B is not refinanced by this date.

⁽²⁾ See “Derivatives” below and note 8 to the Condensed Consolidated Financial Statements.

⁽³⁾ Total borrowings — net includes long-term debt due within one year and long-term debt as stated in our Condensed Consolidated Balance Sheets.

We had total borrowings of \$415.5 million and \$387.7 million at March 31, 2018 and December 31, 2017, respectively. Contributing to the \$27.8 million increase in borrowings was a \$30.2 million increase in ABL borrowings, partially offset by the \$1.1 million quarterly amortization payment under our Term Loan B and a \$1.4 million AICEP Loan payment.

Of our total borrowings, \$193.7 million, or approximately 46.6 percent, were subject to variable interest rates at March 31, 2018, as a result of converting \$220.0 million of Term Loan B debt to a fixed rate using an interest rate swap. The swap is effective January 2016 through January 2020 and maintains a 4.85 percent fixed interest rate. For further discussion on the interest rate swap, see note 8 to the Condensed Consolidated Financial Statements. A change of one percentage point in such rates would result in a change in interest expense of approximately \$1.9 million on an annual basis.

Included in interest expense are the amortization of discounts, financing fees and other debt related fees. These items amounted to \$0.3 million for each of the three months ended March 31, 2018 and 2017.

Cash Flow

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Net cash used in operating activities	\$ (13,144)	\$ (6,314)
Net cash used in investing activities	\$ (11,271)	\$ (11,952)
Net cash provided by (used in) financing activities	\$ 24,896	\$ (9,269)

Our net cash used in operating activities was \$(13.1) million in the first three months of 2018, compared to \$(6.3) million in the first three months of 2017, an unfavorable cash flow impact of \$(6.8) million. Contributing to the decrease in cash flow from operations were an unfavorable cash flow impact of \$8.0 million related to accounts receivable, inventories, and accounts payable, lower value-added-tax collections and higher customer incentive payments. Partially offsetting these unfavorable cash flows were a favorable change in operating earnings and lower incentive compensation payments.

Our net cash used in investing activities was \$(11.3) million and \$(12.0) million in the first three months of 2018 and 2017, respectively, in each case representing capital expenditures.

Net cash provided by (used in) financing activities was \$24.9 million in the first three months of 2018, compared to \$(9.3) million in the year-ago period. The primary drivers of this favorable \$34.2 million change were the \$30.2 million net proceeds drawn on the ABL Facility in the first three months of 2018 and a \$5.0 million reduction in Term Loan B payments, partially offset by an increase of \$1.2 million in AICEP Loan payments.

Free Cash Flow

The following table presents key drivers to our non-GAAP Free Cash Flow for the periods presented:

(dollars in thousands)	Three months ended March 31,	
	2018	2017
Net cash used in operating activities	\$ (13,144)	\$ (6,314)
Net cash used in investing activities	(11,271)	(11,952)
Free Cash Flow ⁽¹⁾ (non-GAAP)	\$ (24,415)	\$ (18,266)

⁽¹⁾ We define Free Cash Flow as the sum of net cash provided by (used in) operating activities and net cash used in investing activities. The most directly comparable U.S. GAAP financial measure is net cash provided by (used in) operating activities.

We believe that Free Cash Flow is important supplemental information for investors in evaluating cash flow performance in that it provides insight into the cash flow available to fund such things as debt service, acquisitions and other strategic investment opportunities. It is a measure we use to internally evaluate the overall liquidity of the business. Free Cash Flow does not represent residual cash flows available for discretionary expenditures due to our mandatory debt service requirements.

Free Cash Flow is used in conjunction with and in addition to results presented in accordance with U.S. GAAP. Free Cash Flow is neither intended to represent nor be an alternative to the measure of net cash provided by (used in) operating activities recorded under U.S. GAAP. Free Cash Flow may not be comparable to similarly titled measures reported by other companies.

Our Free Cash Flow was \$(24.4) million during the first three months of 2018, compared to \$(18.3) million in the the first three months of 2017, an unfavorable change of \$(6.1) million. The primary contributor to this change is the same 1:1 relationship as the \$(6.8) million unfavorable cash flow impact from operating activities, as discussed above.

Derivatives

We use natural gas swap contracts related to forecasted future North and Central American natural gas requirements. The objective of these commodity contracts is to limit the fluctuations in prices paid due to price movements in the underlying commodity. We consider our forecasted natural gas requirements in determining the quantity of natural gas to hedge. We combine the forecasts with historical observations to establish the percentage of forecast eligible to be hedged, typically ranging from 40 percent to 70 percent of our anticipated requirements up to 18 months in the future. The fair values of these instruments are determined from market quotes. At March 31, 2018, we had commodity contracts for 2,160,000 MMBTUs of natural gas with a fair market value of a \$0.1 million liability. We have hedged a portion of our forecasted transactions through September 2019. At December 31, 2017, we had commodity futures contracts for 2,480,000 MMBTUs of natural gas with a fair market value of a \$0.5 million liability. The counterparties for these derivatives are well established financial institutions rated BBB+ or better as of March 31, 2018, by Standard & Poor's.

We have an interest rate swap agreement with respect to \$220.0 million of our floating rate Term Loan B debt in order to fix a series of our future interest payments. The interest rate swap matures on January 9, 2020 and maintains a fixed interest rate of 4.85 percent, including the credit spread. At March 31, 2018, the Term Loan B debt held a floating interest rate of 4.72 percent. If the counterparty to the interest rate swap agreement were to fail to perform, the interest rate swap would no longer provide the desired results. However, we do not anticipate nonperformance by the counterparty. The counterparty held a Standard & Poor's rating of A+ as of March 31, 2018.

The fair market value of our interest rate swap agreement is based on the market standard methodology of netting the discounted expected future variable cash receipts and the discounted future fixed cash payments. The variable cash receipts are based on an expectation of future interest rates derived from observed market interest rate forward curves. The fair market value of the interest rate swap agreement was a \$1.8 million asset at March 31, 2018 and a \$0.4 million asset at December 31, 2017.

Goodwill

During the third quarter of 2017 we determined a triggering event had occurred associated with our Mexico reporting unit which resulted in a goodwill impairment charge of \$79.7 million. After the impairment charge the remaining net goodwill balance was \$46.0 million. There were no goodwill impairment indicators as of March 31, 2018. However, as the impairment

charge resulted in the estimated fair value of the reporting unit equaling its carrying value as of September 30, 2017, there continues to be an elevated risk of potential future impairment should there be any further reductions in the estimated fair value in relation to the carrying value of the reporting unit. Management considers several factors to be significant when estimating fair value including the expected financial outlook of the business, changes in the Company's stock price, the impact of changing market conditions on financial performance and expected future cash flows, foreign currency impacts, the geopolitical environment and other factors. Deterioration in any of these factors may result in a lower fair value assessment, which could lead to impairment charges in the future. Specifically, actual results may vary from the Company's forecasts and such variations may be material and unfavorable, thereby triggering the need for future impairment tests where the conclusions could result in additional non-cash impairment charges. The estimated fair value of our other two reporting units that have goodwill exceeded their carrying values by more than 70 percent as of our 2017 annual impairment test on October 1, 2017.

Income Taxes

The Company and its subsidiaries are subject to examination by various countries' tax authorities. These examinations may lead to proposed or assessed adjustments to our taxes. See [note 5](#), Income Taxes, to the Condensed Consolidated Financial Statements for a detailed discussion on tax contingencies.

The Tax Cuts and Jobs Act, enacted on December 22, 2017, changed many aspects of the U.S. tax code. The effects of certain changes were quantified or estimated and recorded as of December 31, 2017. Due to the breadth of the changes and the lack of comprehensive implementation guidance, we will continue to analyze the changes as we finalize our 2017 U.S. federal income tax return and as additional guidance is issued. In the event that revisions are required, they will be treated in accordance with the measurement period guidance in Staff Accounting Bulletin 118. No such revisions were recorded during the quarter ended March 31, 2018.

New Accounting Standards

See [note 2](#) of the Condensed Consolidated Financial Statements for a summary of the new accounting standards.

Item 3. Qualitative and Quantitative Disclosures about Market Risk

There were no significant changes to our qualitative and quantitative disclosures about market risk during the three months ended March 31, 2018. Please refer to Part II, Item 7A. "Qualitative and Quantitative Disclosures about Market Risk" included in our 2017 Annual Report on Form 10-K for a more complete discussion of our market risks.

Item 4. Controls and Procedures

We maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in our Securities Exchange Act of 1934 (the "Exchange Act") reports are recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow for timely decisions regarding required disclosure. In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well-designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and management is required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures.

As required by SEC Rule 13a-15(b), we carried out an evaluation, under the supervision and with the participation of our management, including our Chief Executive Officer and our Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures as of the end of the quarter covered by this report. Based on the foregoing, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective at the reasonable assurance level.

There has been no change in our controls over financial reporting during our most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, our internal controls over financial reporting.

PART II — OTHER INFORMATION

This document and supporting schedules contain statements that are not historical facts and constitute projections, forecasts or forward-looking statements. These forward-looking statements reflect only our best assessment at this time, and may be identified by the use of words or phrases such as “anticipate,” “target,” “believe,” “expect,” “intend,” “may,” “planned,” “potential,” “should,” “will,” “would” or similar phrases. Such forward-looking statements involve risks and uncertainty; actual results may differ materially from such statements, and undue reliance should not be placed on such statements. Readers are cautioned that these forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions that are difficult to predict. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. We undertake no obligation to revise or update any forward-looking statements for any reason.

Item 1. Legal Proceedings

The Company and its subsidiaries are subject to examination by various countries' tax authorities. These examinations may lead to proposed or assessed adjustments to our taxes. For a detailed discussion on tax contingencies, see note 5, Income Taxes, to the Condensed Consolidated Financial Statements included in Part 1, Item 1 of this Quarterly Report, which is incorporated herein by reference.

Item 1A. Risk Factors

Our risk factors are set forth in Part I, Item 1A. "Risk Factors" in our 2017 Annual Report on Form 10-K.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds**Issuer's Purchases of Equity Securities**

<u>Period</u>	<u>Total Number of Shares Purchased</u>	<u>Average Price Paid per Share</u>	<u>Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs</u>	<u>Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs</u>
January 1 to January 31, 2018	—	\$ —	—	941,250
February 1 to February 28, 2018	—	\$ —	—	941,250
March 1 to March 31, 2018	—	\$ —	—	941,250
Total	—	\$ —	—	941,250

Item 6. Exhibits

Exhibits: The exhibits listed in the below “Exhibit Index” are filed as part of this report.

EXHIBIT INDEX

S-K Item 601 No.	Document
3.1	Restated Certificate of Incorporation of Libbey Inc. (filed as Exhibit 3.1 to Registrant’s Quarterly Report on Form 10-Q for the quarter ended June 30, 1993 and incorporated herein by reference).
3.2	Amended and Restated By-Laws of Libbey Inc. (filed as Exhibit 3.2 to Registrant’s Quarterly Report on Form 10-Q for the quarter ended June 30, 2013 and incorporated herein by reference).
3.3	Certificate of Incorporation of Libbey Glass Inc. (filed as Exhibit 3.3 to Libbey Glass Inc.’s Form S-4 (Reg No. 333-139358) filed December 14, 2006, and incorporated herein by reference).
3.4	Amended and Restated By-Laws of Libbey Glass Inc. (filed as Exhibit 3.4 to Libbey Glass Inc.’s Form S-4 (Reg No. 333-139358) filed December 14, 2006, and incorporated herein by reference).
31.1	Certification of Chief Executive Officer Pursuant to Rule 13a-14(a) or Rule 15d-14(a) (filed herein).
31.2	Certification of Chief Financial Officer Pursuant to Rule 13a-14(a) or Rule 15d-14(a) (filed herein).
32.1	Certification Pursuant To 18 U.S.C. Section 1350, As Adopted Pursuant To Section 906 Of The Sarbanes-Oxley Act of 2002 (filed herein).
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Libbey Inc.

Date: May 2, 2018

by: /s/ James C. Burmeister

James C. Burmeister
Vice President, Chief Financial Officer

Certification of Chief Executive Officer
Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, William A. Foley, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Libbey Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 2, 2018

By: /s/ William A. Foley

William A. Foley

Chief Executive Officer & Chairman of the Board

Certification of Chief Financial Officer
Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, James C. Burmeister, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Libbey Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 2, 2018

By: /s/ James C. Burmeister

James C. Burmeister

Vice President, Chief Financial Officer

Certification Pursuant to 18 U.S.C. Section 1350

Pursuant to 18 U.S.C. § 1350, as created by Section 906 of the Sarbanes-Oxley Act of 2002, each of the undersigned officers of Libbey Inc. (the "Company") hereby certify, to such officers' knowledge, that:

- (i) the accompanying Quarterly Report on Form 10-Q of the Company for the quarterly period ended March 31, 2018 (the "Report") fully complies with the requirements of Section 13(a) or Section 15(d), as applicable, of the Securities Exchange Act of 1934, as amended; and
- (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: May 2, 2018

By: /s/ William A. Foley

William A. Foley

Chief Executive Officer & Chairman of the Board

/s/ James C. Burmeister

James C. Burmeister

Vice President, Chief Financial Officer