

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

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF
THE SECURITIES EXCHANGE ACT OF 1934**

SUNOCOCORP LLC

(Exact name of registrant as specified in its charter)

Texas
(State of incorporation or organization)

85-0470977
(IRS Employer Identification No.)

8111 Westchester Drive, Suite 400
Dallas, Texas 75225
(Address of principal executive offices and zip code)

Securities to be registered pursuant to Section 12(b) of the Act:

Title of each class to be so registered	Name of each exchange on which each class is to be registered
Common Units Representing Limited Liability Company Interests	Texas Stock Exchange

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c) or (e), check the following box. ☒

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d) or (e), check the following box. ☐

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box. ☐

Securities Act registration statement or Regulation A offering statement file number to which this form relates (if applicable): None

Securities to be registered pursuant to Section 12(g) of the Act: None

INFORMATION REQUIRED IN REGISTRATION STATEMENT

Item 1. Description of Registrant's Securities to be Registered.

A description of the common units (the “*Common Units*”) representing limited liability company interests in SunocoCorp LLC (the “*Registrant*”) is contained in Exhibit 4.1 to the Registrant's Annual Report on Form 10-K for the year ended December 31, 2025, filed with the Securities and Exchange Commission (the “*SEC*”) on February 19, 2026, and under the heading “Redomiciliation from Delaware to Texas” in the Registrant's Form 8-K12B Item 5.03 filed with the SEC on July 6, 2026, and which descriptions are incorporated herein by reference.

Item 2. Exhibits.

Under the “Instructions as to Exhibits” with respect to Form 8-A, no exhibits are required to be filed with this registration statement because no other securities of the Registrant are registered on the Texas Stock Exchange and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

SUNOCOCORP LLC

By: SunocoCorp Management LLC, its managing member

/s/ Dylan A. Bramhall

Dylan A. Bramhall

Executive Vice President and Group Chief Financial Officer

Date: September 28, 2026