



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **SHARJAH NATIONAL LUBE OIL CO LLC.**

SAJAA INDUSTRIAL AREA, DHAID ROAD, 7TH INTERCHANGE, EMIRATES ROAD, P.O. BOX 1575  
SHARJAH, UNITED ARAB EMIRATES

### **Testing Laboratory TL-1077**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date July 16, 2023



A handwritten signature in black ink that reads 'Raj Nathan'.

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## SHARJAH NATIONAL LUBE OIL CO LLC.

[www.sharlu.com](http://www.sharlu.com)

**Contact Name** Galal Mustafa

**Contact Phone** +971 65310550

*Accredited to ISO/IEC 17025:2017*

*Effective Date July 16, 2023*

ASTM D92-18	Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester-Flash Point (COC) (Automatic CLA 5 and Manual)
ASTM D93-20	Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester-Flash Point (PMCC)
ASTM D95-2018	Standard Test Method for Water In Petroleum Products And Bituminous Materials by Distillation
ASTM D130-19	Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test -Copper Corrosion
ASTM D445-21	Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity) – Kinematic Viscosity @ 100°C (Manual and Automatic)
ASTM D445-21	Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity) – Kinematic Viscosity @ 40°C (Manual and Automatic)
ASTM D892-18	Standard Test Method for Foaming Characteristics of Lubricating Oils-Foaming Tendency
ASTM D974-21	Standard Test Method for Acid and Base Number by Color-Indicator Titration - Total Acid Number – TAN (Manual)
ASTM D1401-21	Standard Test Method for Water Separability of Petroleum Oils and Synthetic Fluids-Water Solubility (Dumulsibility)
ASTM D1500-2017	Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)
ASTM D2265-22	Standard Test Method for Dropping Point of Lubricating Grease Over Wide Temperature Range -Dropping Point
ASTM D2273-2016	Standard Test Method for Trace Sediment in Lubricating Oils – Sediment using Centrifuge (90000-3)
ASTM D2896-21	Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration – Total Base Number – TBN (916/TAN Automatic, and Manual)

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ASTM D2983-21	Standard Test Method for Low-Temperature Viscosity of Automatic Transmission Fluids, Hydraulic Fluids, and Lubricants using a Rotational Viscometer – Dyna Viscosity @ -12°C and -40°C. using Brookfield Viscometer.
ASTM D4052-22	Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter
ASTM D4294-21	Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry – Sulfur Contents
ASTM D4684-20a	Standard Test Method for Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature – Dyna Viscosity @ -10°C and -40°C. (CMRV-5000)
ASTM D4951-2019	Standard Test Method for Determination of Additive Elements in Lubricating Oils by Inductively Coupled Plasma Atomic Emission Spectrometry – Metal Contents using Spectro & Optima 7300 V spectrometer
ASTM D5291-21	Standard Test Methods for Instrumental Determination of Carbon, Hydrogen, and Nitrogen in Petroleum Products and Lubricants – Nitrogen using Nitrogen analyzer (Flash-2000)
ASTM D5293-20	Standard Test Method for Apparent Viscosity of Engine Oils and Base Stocks Between -10 °C and -35 °C Using Cold-Cranking Simulator – Dyna Viscosity @ -10 °C and -35°C
ASTM D5481-21	Standard Test Method for Measuring Apparent Viscosity at High-Temperature and High-Shear Rate by Multicell Capillary Viscometer – Dynamic Viscosity @ 150°C
ASTM D5800-21	Standard Test Method for Evaporation Loss of Lubricating Oils by the Noack Method – Volatility by evaporation loss (NOACK)
ASTM D6304-20	Standard Test Method for Determination of Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration – Water Contents in ppm
ASTM D6749-2018	Standard Test Method for Pour Point of Petroleum Products (Automatic Air Pressure Method) – Pour Point
ASTM E2412-2018	Standard Practice for Condition Monitoring of In-Service Lubricants by Trend Analysis Using Fourier Transform Infrared (FTIR) Spectrometry