



ACCREDITATION CERTIFICATE

LB-TEST-056

Emirates International Accreditation Centre

has accredited

GULF OIL MIDDLE EAST LIMITED

Jabal Ali Free Zone, Dubai-United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 15/10/2020 to 19/06/2023

Initial Accreditation Date: 20/06/2011




CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope
Petroleum & Petrochemical Testing
LB-TEST-056

Gulf Oil Middle East Limited

Jabal Ali Free Zone, Dubai-United Arab Emirates

Issue no.: 04

Date: 15-10-2020

Valid to: 19-06-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Lubricating Oils	Determination of Flash and Fire Points by Cleveland Open Cup Tester	ASTM D92
Petroleum testing	Lubricating Oils	Determination of Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)	ASTM D445
Petroleum testing	Lubricating Oils	Determination of Acid Number of Petroleum Products by Potentiometric Titration	ASTM D664

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Issue no.: 04

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Lubricating Oils	Determination of Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	ASTM D2896
Petroleum testing	Lubricating Oils	Determination of Low-Temperature Viscosity of Lubricants Measured by rotational Viscometer	ASTM D2983

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Lubricating Oils	Determination of Additive Elements, Wear Metals, and Contaminants in Used Lubricating Oils and Determination of Selected Elements in Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)	ASTM D5185
Petroleum testing	Lubricating Oils	Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature	ASTM D4684 (A)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Lubricating Oils	Determination of Apparent Viscosity of Engine Oils and Base Stocks Between -5°C and -35°C Using Cold-Cranking Simulator	ASTM D5293
Petroleum testing	Lubricating Oils	Determination of Density, Relative Density, and API Gravity of Liquids by Digital Density Meter	ASTM D4052
Petroleum testing	Lubricating Oils	Determination of ASTM Color of Petroleum Products (ASTM Color Scale)	ASTM D1500

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Petroleum testing	Lubricating Oils	Determination of Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93 (A)
Petroleum testing	Lubricating Oils	Corrosiveness to Copper from Petroleum Product by Copper Strip Test	ASTM D130-12
Petroleum testing	Lubricating Oils	Water Separability of Petroleum Oils and Synthetic Fluids	ASTM D1401-12
Petroleum testing	Lubricating Oils	Ash from Petroleum Products, Range : 0.001 to 0.180 mass %	ASTM D 482
Petroleum testing	Lubricating Oils	Sulfated Ash from lubricating oils and additives.	ASTM D 874

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Petroleum testing	Lubricating Oils	Determination of Viscosity at High Temperature and High Shear Rate by Tapered Plug Viscometer	ASTM D 4741
Petroleum testing	Lubricating Oils	Evaporation Loss of Lubricating Oils by Noack Method. Range – Test Temperature 250±0.5 °C for 60 minutes, Pressure Differential 20 ± 0.20 mm	ASTM D 5800

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Lubricating Oils	Determination of Water in Petroleum Products, Lubricating Oils, Additives by Coulometric Karl Fischer titration Range 10 – 25000 mg/kg	ASTM D 6304
Petroleum testing	Lubricating Oils	Pour Point Range-95 °C to +45 °C Samples with no flow point temperature from -77 °C to +2 °C	ASTM D 7346
Petroleum testing	Transformer Oil	Breakdown voltage Range 0-100 KV	CEI-IEC 156

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Transformer Oil	Measurement of Dissipation Factor, specific resistance and relative permittivity of insulating liquids Range: Tan delta -1 to 4.0×10^{-6} Relative Permittivity 1 to 30×10^{-2} Specific resistance 2.5 M Ω m to 100 T Ω m Temp. -11 °C to 110 °C	CEI-IEC 60247

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Transformer Oil	Detection and determination of specified additives in mineral insulating oil (2,4-di-tert butyl-4-methyl phenol)	IEC 60666
Petroleum testing	Transformer oil, Break fluid, Coolant	Determination of pH in range 4.0-12.0	ASTM D1287
Petroleum testing	Transformer oil, Break fluid, Coolant	Low Temperature Kinematic Viscosity Range : +15 °C to -70 °C	ASTM D445

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Type of Activity	Test Materials/Products	Test Name	Test Method
Petroleum testing	Coolant	Determination of Boiling Point of Engine Coolants	ASTM D 1120

Accreditation History		
Issue no.	Details	Date
04	Renewal accreditation and first issuance under the name of EIAC (which was formerly known as DAC)	15-10-2020