



# Accreditation Scope

**ADNOC Distribution, Product Quality Control & Laboratory  
Department, NAL 005**

**Testing Laboratory, (ISO/IEC 17025:2017)**

**Sas Al Nakhl, Abu Dhabi, UAE**

**Issue Date: 06-05-2022**

**Expiry Date: 05-05-2025**

**Issue No: 04**

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Lubricating Oil	Flash and Fire Points by Cleveland Open Cup Tester	ASTM D92-18	P
		Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93-20	
		Pour Point of Petroleum Products	ASTM D97-17b	
		Corrosiveness to Copper from Petroleum Products by Copper Strip Test	ASTM D130-19	
		Kinematic Viscosity of Transparent and Opaque Liquids and the Calculation of Dynamic Viscosity	ASTM D445-21e1	
		Rust Preventive Characteristics of Inhibited Mineral Oil in Presence of Water	ASTM D665-19	
		Sulfated Ash from Lubricating Oils and Additives	ASTM D874-13a(2018)	
		ASTM Color of Petroleum Products (ASTM Color Scale)	ASTM D1500-12(2017)	
		Viscosity Index from Kinematic Viscosity at 40 °C and 100 °C by Calculation	ASTM D2270-10(2016)	



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Chemical	Lubricating Oil	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	ASTM D2896-21	P
		Density, Relative Density and API Gravity of Liquids by Digital Density Meter	ASTM D4052-18a	
		Additive Elements in Lubricating Oils by Inductively Coupled Plasma Atomic Emission Spectrometry	ASTM D4951-14(2019)	
		Apparent Viscosity of Engine Oils and Base Stocks between -10 °C and -35 °C using Cold-Cranking Simulator	ASTM D5293-20	
		Kinematic Viscosity of Transparent and Opaque Liquids by Automated Houillon Viscometer	ASTM D7279-20	
	Engine Coolants and Antirust	pH of Engine Coolants and Antirust	ASTM D1287-11(2020)	
	Grease	Cone Penetration of Lubricating Grease	ASTM D217-21a	
Dropping Point of Lubricating Grease over Wide Temperature Range		ASTM D2265-22		



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Chemical	Fuels	Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure	ASTM D86-20b	P
		Flash Point by Pensky- Martens Closed Cup Tester	ASTM D93-20	
		Pour Point of Petroleum products	ASTM D97-17b	
		Corrosiveness to Copper from Petroleum Products by Copper Strip Test.	ASTM D130-19	
		Kinematic Viscosity of Transparent and Opaque Liquids and the calculation of Dynamic Viscosity	ASTM D445-21e1	
		Density, Relative Density and API Gravity of Liquids by Digital Density Meter	ASTM D4052-18a	
<b>END</b>				