



Accreditation Scope

ENOC Lubricants & Grease Manufacturing Plant, NAL 036
Testing Laboratory, (ISO/IEC 17025:2017)

Fujairah, Shwais, Fujairah, United Arab Emirates

Issue Date: 23/08/2023

Expiry Date: 21/07/2026

Issue No: 6

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)
Physical	base oil, additives, lubricant oil	Kinematic Viscosity of Transparent and Opaque Liquids at 40°C	ASTM D445-21	P
Physical	base oil, additives, lubricant oil	Kinematic Viscosity of Transparent and Opaque Liquids at 100°C	ASTM D445-21	P
Physical	base oils, additives, lubricant oils	ASTM Color of Petroleum Products	ASTM D1500- 12(2017)	P
Physical	base oils, additives, lubricant oils	Flash and Fire point by Cleveland open cup tester.	ASTM D92-18	P
Physical	base oils, additives, lubricant oils	Apparent viscosity of engine oils and base stocks between -10 and -35 deg C using CCS	ASTM D5293-20	P
Physical	base oils, additives, lubricant oils	Density, relative density by digital density meter.	ASTM D4052-18e	P

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Physical	base oils, additives, lubricant oils	Pour point of petroleum products	ASTM D97-17b	P
Physical	base oils, additives, lubricant oils	Water separability of petroleum oils and synthetic fluids	ASTM D1401-19	P
Physical	base oils, additives, lubricant oils	Corrosiveness to copper from petroleum products by copper strip test	ASTM D130-19	P
Physical	base oils, additives, Lubricant oils	Low temperature viscosity of lubricants measured by Brookfield viscometer	ASTM D2983-20	P
Physical	base oils, additives, lubricant oils	Pour point of petroleum products- automatic air pressure method	ASTM D6749-02(2018)	P
Physical	Grease	Dropping point of lubricant grease	ASTM D566-20	P
Physical	Grease	Cone penetration of lubricant grease	ASTM D217-21	P
Chemical	base oil, additives, lubricant oil	Base number of petroleum products by potentiometric perchloric acid titration	ASTM D2896-15	P

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Chemical	base oil, additives, lubricant oil	Acid number of petroleum products by potentiometric titration	ASTM D664-18e2	P
Chemical	base oil, additives, lubricant oil	Determination of additive elements in lubricating oils by inductively coupled plasma atomic emission	ASTM D4951- 14(2019)	P
Chemical	base oil, additives, lubricant oil	Determination of phosphorus, sulfur, calcium and zinc in lubricating oils by EDXRF	ASTM D6481- 14(2019)	P
END				

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