

Accreditation Scope

ENOC Lubricants and Grease Manufacturing Plant LLC, NAL 036
Testing Laboratory, (ISO/IEC 17025:2017)
Mina Road Port of Fujairah, Fujairah, UAE

Issue Date: 22-07-2020

Expiry Date: 21-07-2023

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)
Physical	Base Oils, Additives, Lubricant Oil	Kinematic Viscosity of Transparent and Opaque Liquids at 40°C	ASTM D 445-19a	P
		Kinematic Viscosity of Transparent and Opaque Liquids at 100°C	ASTM D 445-19a	
		ASTM Color of Petroleum Products	ASTM D 1500-12 (2017)	
		Flash and Fire Points by Cleveland Open Cup Tester	ASTM D 92-18	
		Apparent Viscosity of Engine Oils and Base Stocks between minus 10 and minus 35°C Using CCS	ASTM D 5293-20	
		Density, Relative Density of Liquids by Digital Density Meter	ASTM D 4052-18a	
		Pour Point of Petroleum Products	ASTM D 97-17b	
		Water Separability of Petroleum Oils and Synthetic Fluids	ASTM D 1401-19	
		Air Release Properties of Petroleum Oils	ASTM D 3427-19	
		Corrosiveness to Copper from Petroleum Products by Copper Strip Test	ASTM D 130-19	
		Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer	ASTM D 2983-19e1	

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Physical	Base Oils, Additives, Lubricant Oil	Pour Point of Petroleum Products - Automatic Air Pressure Method	ASTM D 6749-02 (2018)	P
	Grease	Dropping Point of Lubricating Grease	ASTM D 566-20	
		Cone Penetration of Lubricating Grease	ASTM D 217-19b	
Chemical	Base Oils, Additives, Lubricant Oil	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	ASTM D 2896-15	P
		Acid Number of Petroleum Products by Potentiometric Titration	ASTM D 664-18e2	
		Sulfated Ash from Lubricating Oils and Additives	ASTM D 874-13a (2018)	
		Determination of Additive Elements in Lubricating Oils by Inductively Coupled Plasma Atomic Emission	ASTM D 4951-14 (2019)	
		Determination of Phosphorus, Sulfur, Calcium, and Zinc in Lubrication Oils by EDXRF	ASTM D 6481-14 (2019)	
END				