

Ultra Plus MS LDF-3

Ultra Plus MS LDF-3 is full synthetic heavy duty diesel engine oil formulated with high performance base oils and high performance additives to meet expectation of latest technology diesel engines.

Usage

Especially used in turbo diesel heavy-duty commercial vehicles used. It is not recommended for use as gasoline engine oil. Recommended heavy utility vehicles in sector of Transport, construction, mining and agriculture, business machines and long distance fleets.

Features

High Dispersant Feature and Fuel Economy: It disperses impurities thanks to its dispersant property, which keeps the dirts inside and keeps the lubrication channels in the engine parts constantly clean and open. thus fuel saving is achieved.

High Thermal And Oxidation Stability: Due to the antioxidant property, the oil aging is very slow, so the periods of the oil change is long.

Superior Resistance To Decrement: Due to the semisynthetic structure, the oil reduction is minimal. The periods of the oil change is long.

Low Exhaust Emissions: It is an environmentally friendly product thanks to its ability to reduce harmful exhaust gas emissions.

Superior Corrosion Protection: It protects against engine rust and corrosion thanks to its corrosion inhibitör with a good film layer.

High Pumpability Feature In Low Temperature: Because of its very good pumpability at low temperatures, the initial operation extends the life of the engine by providing ease.

Technical Specifications

SAE Viscosity Class	-	5W30	10W40
*Density @15°C, g/cm³	ASTM D 4052	0,8550	0,8600
*Kinematic Viscosity @100°C, cSt	ASTM D 445	11,3	15,91
*Viscosity Index	ASTM D 2270	165	167
*Flash Point, °C	ASTM D 92	220	242
*Pour Point, °C	ASTM D 97	-42	-42
*TBN, mgKOH/g	ASTM D 2896	15,4	15,4
*Sulfated Ash, %	ASTM D 874	1,9	1,9
*Phosphorus, wt %	ASTM D 4951	0,11	0,11
*Sulfur, wt %	ASTM D 4951	0,25	0,25

Data given above are typical properties and may vary slightly.

Performance

ACEA E4/E7 API CI-4+/CI-4/CH-4/CF-4/CF DTFR 15B120 (MB 228.5) Volvo VDS-3 MAN 3377 MAN 3277 MTU Type III Renault Trucks RXD/RLD-2/RLD Mack EO-M+ Cummins CES 20078/20077 Global DHD-1 Detroit Diesel 93K215 DEUTZ III-05 SCANIA LDF-3/SCANIA LDF-2

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