

Ultra LA Plus MS LDF-4

Ultra LA Plus MS LDF-4 is a fully synthetic diesel engine oil formulated with low ash additives and high performance synthetic base oils to provide effective protection and high performance in diesel engines designed with the system of low emission, EGR (Exhaust Gas Recirculation), DPF (Diesel Particulate Filter) and DOC (Diesel Oxidation Catalyst).

Usage

It is used in new generation vehicles with EGR (Exhaust Gas Circulation System), DPF (Diesel Particulate Filter System) and DOC's (Diesel Oxidation Catalyst System) systems. It is also suitable for use in petrol engines as far as API SN performance.

Features

Superior Resistance to Reduction: Due to its synthetic nature and its special formula, oil reduction is minimal, oil change periods are long.

High Dispersant Property Fuel Saving: Distributes pollutants thanks to its dispersant property, it keeps the lubrication channels in itself by keeping the lubrication channels of the engine parts constantly clean and open. Thus fuel economy is ensured since it will not be forced to perform the engine function.

High Thermal and Oxidation Durability: Oil change intervals is long owing to provide protection against engine wear during high temperatures and their antioxidant properties, fat aging is very slow.

Superior Engine Protection: It protects the engine in the best way with its high corrosion protection even when using high sulfur fuel.

Low Exhaust Emission: It is an environmentally friendly product thanks to its harmful exhaust gas emission reduction feature.

Superior Corrosion Protection: With a good film layer, thanks to the corrosion inhibitor in it protects the engine parts perfectly against corrosion.

High Pumpability at Low Temperature: Due to its very good pumpability at low temperature, the initial operation is facilitated and the engine life is extended.

Technical Specifications

SAE Viscosity Class	-	5W30	10W40
*Kinematic Viscosity @100°C, cSt	ASTM D 445	10,61	13,2
*Viscosity Index	ASTM D 2270	165	167
*Flash Point, °C	ASTM D 92	236	242
*Pour Point, °C	ASTM D 97	-42	-42
*TBN, mgKOH/g	ASTM D 2896	11,0	10,8
*Sulfated Ash, %	ASTM D 874	0,92	0,91

**Data given above are typical properties and may vary slightly.*

Performance

API CK-4/CJ-4+/CJ-4/CI-4+/CI-4/CH-4, API SN/CF, ACEA E9/E7/E6/E4, MAN M 3677/3575/3477/3271-1, SCANIA Low Ash LDF-4, MB 228.51, MB 228.31, MTU Type 3.1, Volvo VDS-4, Volvo VDS-3, Volvo CNG, MACK EO-O Premium Plus, EO-N Premium Plus, EO-N Plus, Cummins CES 20081, Cummins CES 20076/77,CAT ECF-3, CAT ECF-1-a, JASO DH-2, DEUTZ DQC IV-10 LA, Renault RLD-3/RLD-2/RGD/RXD, Detroit Diesel DDC 93K218, Voith Retarder Class B

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