

Ultra LA K4 5W30 V4.5

Ultra LA K4 5W30 V4.5 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

*Kinematic Viscosity @100°C, cSt	ASTM D 445	11,00
*Viscosity Index	ASTM D 2270	170
*Flash Point, °C	ASTM D 92	232
*Pour Point, °C	ASTM D 97	-45
*TBN, mgKOH/g	ASTM D 2896	13
*Sulfated Ash, %	ASTM D 874	0,9

**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 3777/3677/3575/3477/3271-1 MTU Type 3.1 SCANIA Low Ash LDF-4 Volvo VDS-4.5 Volvo VDS-4/3 Volvo CNG DTFR 15C120/DTFR 15C110/DTFR 15C100 (MB

228.52/MB 228.51/228.31) MACK EOS-4.5 MACK EO-O Premium Plus EO-N Premium Plus EO-N Plus Cummins CES 20086 Cummins CES 20081 Cummins CES 20076/77 CAT ECF-3 CAT ECF-1-a JASO DH-2, DQC IV-18 LA DEUTZ DQC IV-10 LA Renault RLD-3, RLD2, RGD, RXD Detroit Diesel DDC 93K222-93K218 Voith Retarder Class B DAF Extended Drain Ford WSS-M2C171-E Iveco 18-1804 TLS E6

Revision Number

23.12.2025 / REV04