



ADECO® XHPD PRO SAE 10W-40

Description:

The ADECO XHPD SAE 10W-40 is a multigrade synthetic engine oil designed for the lubrication of next-generation diesel engines, which operate under heavy loads and under heavy conditions (in trucks and buses). It is manufactured in regards to the latest international diesel exhaust standards EURO 4, EURO 5 and EURO 6, and especially for vehicles requiring the use of "low SAPS" (low sulfate ash, phosphorus and sulfur) lubricants. Particularly suitable for lubricating vehicles with EGR engines and/or SCR systems, with/without DPF filters. It is by function one of the XHPD engine oil (eXtra High Performance Diesel), with extremely long replacement periods.

Purpose:

It is intended for lubrication of diesel engines of modern commercial vehicles, agricultural, construction and mining machinery and for all other vehicles requiring this performance level.

The Main Advantages:

- Engine cleanliness at significantly extended oil change intervals;
- Normal operation even in case of heavy contamination with soot ;
- The cylinder liner protection from ironing and wear;
- Control of oil thickening at high temperatures;
- Low foaming tendency, that decreasing possibility of engine parts wear;
- Minimal exhaust gases emission;
- Easy engine start at extremely low temperatures.

Physical and Chemical Properties:

Characteristic, Unit	Referential Values	Method
Density at 15 ^o C, g/cm ³	0,86 – 0,88	ASTM D 1298
Kinematic Viscosity at 100 ^o C, mm ² /s	13 – 15	ASTM D 445
Viscosity Index	160	ASTM D 2270
Flash Point, COC, °C	220	ASTM D 92
Pour Point, °C	-33	ASTM D 97
Total Base Number, TBN, mg KOH/g	10	ASTM D 2896
Water Content, v/v %	non	ASTM D 95

Meet Specifications:

API CK-4/SN; ACEA E7/E9; Cummins CES 20086/20087; Detroit Diesel DDC 93K222/93K223; Renault Truck RLD-3; Mack EO-S-4.5; Volvo VDS-4.5; CAT ECF-3; FORD WSS-M2C171-F1; MB-Approval 228.31; MTU Type 2.1; Deutz DQC III-10 LA/DQC III-18 LA; ALLISON TES-439; JASO DH-2; MAN M 3775