

XENOL HILL 10W-40 E11

Product Description and Field of Use

It is a high-performance fully synthetic heavy duty diesel engine oil developed with Low-SAPS (Low Ash, Phosphorus and Sulfur) additive technology especially for use in today's new generation low emission Euro VI vehicles, enabling superior engine protection and long oil change interval requirements. It is also suitable for use in Euro V and Euro IV heavy duty diesel vehicles.

It is recommended for use in new generation heavy duty diesel vehicles equipped with low emission systems (DPF, EGR, SCR) operating in difficult driving conditions of the transportation, construction and mining sectors. It is also suitable for use in vehicles such as trucks, lorries and buses, as well as new generation construction machinery and agricultural equipment operating in low speed/heavy load conditions.

Properties and Benefits

- Its specially selected Low-SAPS (Low Ash, Phosphorus and Sulfur) additive technology compatible with new generation vehicles exhaust emission systems (DPF, EGR and SCR) provides superior protection and extends service life.
- Enhanced viscosity stability and anti-wear properties provide superior engine protection without compromising lubrication performance over extended service intervals.
- Especially at low ambient temperatures, its excellent flow and pumpability performance provides maximum protection against wear that may occur during the initial start-up of the engine.
- Its unique detergent and dispersant properties prevent the accumulation of soot resulting from combustion, ensuring that the critical parts of the engine and lubrication channels remain clean.
- The high oxidation stability provided by the synthetic base oils used in its formulation offers unique protection against oil thickening during long service intervals.

Specifications and Approvals Fulfilled

API CK-4, CJ-4, CI-4 PLUS ACEA E7, E8, E11 CAT ECF-3 CES 20086, DDC 93K222, DEUTZ DQC IV-18 LA, JASO DH-2 MTU TYPE 3.1, VOLVO VDS-4.5, MACK EOS-4.5, RENAULT RLD-3, MAN M 3477, MAN M 3775, DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) DTFR 15C120 (MB 228.52) DTFR 13D110 (MB 235.28), VOITH OIL CLASS B

Typical Properties*

TEST	UNIT	TEST METHOD	TYPICAL VALUES
Density, @15 °C	g/cm ³	ASTM 4052	0.86
K. Viscosity, @ 100°C	cSt	ASTM D 445	14,5
Viscosity Index	-	ASTM D 2270	150
Total Base Number, mg KOH/g	-	ASTM D2896	10,5
Flashing Point	°C	ASTM D 92	233
Pour Point	°C	ASTM D 97	-36

* Values may vary between productions.

Storage Conditions

It should be protected from direct sunlight and precipitation. Packages should be stored in a sealed way, under a porch or in indoor areas. Storage temperature should be between (+5)-(+40)°C.

Health and Safety Information

In the light of the available information, this product is not expected to create a negative impact on human health when used in the intended location and under the specified conditions of use. Used product should not be incinerated or poured into soil and waste water channels. Waste oils should be sorted into categories according to Regulation on Control of Waster Oils, and disposed of via licensed enterprises having the properties defined in this regulation. Please read the Material Safety Sheet when necessary.