



Product Data Sheet:

ENGINE OIL SHPD 10W-30

Product Description:

ENGINE OIL SHPD 10W-30 is a “Super High Performance Diesel” (SHPD) engine oil providing superior performance and long service potential in high output , high speed turbo charged engines operating under severe conditions and has been formulated with carefully selected additives in mineral base stocks to provide excellent detergency, dispersancy and anti wear performance. **ENGINE OIL SHPD 10W-30** is a new mid SAPS lubricant for mid drain applications & for use in modern low emission engines meeting EURO IV & V exhaust emission standards.

ENGINE OIL SHPD 10W-30 exceeds the requirements of the major European heavy duty engine manufacturers for extended drain intervals and complies with the strictest European emission limits

ENGINE OIL SHPD 10W-30 reduces piston deposits, protects against “Bore Polishing”, reduces oil consumption and allows extended drain intervals.

ENGINE OIL SHPD 10W-30 is recommended use in vehicles fitted with advanced exhaust aftertreatment systems for the reduction of particulate matter (DPFs) and the oxides of nitrogen (EGR and/or SCR) in combination with low sulphur diesel.

Specifications:

Exceeds: ACEA E9/E7, API CJ-4/SM, MTU Oil Category 2.1, Caterpillar ECF-3/ECF-2/ECF-1a, Volvo VDS-4, MB 228.31,MAN M 3575, Cummins CES 20081, Renault VI RLD-3

Property:	Test Method:	Typical Values:
SAE Viscosity Grade	SAE J300	10W-30
Density @ 15°C	ASTM D4052	873 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	83.8 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	12.2 mm ² /s
Low-Temperature Cranking Viscosity @ -25°C	ASTM D5293	6560 mPa.s
Viscosity Index	ASTM D2270	141
Flash Point	ASTM D92	231°C
Pour Point	ASTM D97	-33°C
Total Base Number	ASTM D2896	8.9 mgKOH/g
Sulphated Ash	ASTM D874	0.99 wt %

Product nr: 4269

Date Issued: 11/04/2012

Date Superseded: -

Revision nr: -