



# PRISTA® SHPD LS 10W-30

## ULTRA HIGH-PERFORMANCE DIESEL ENGINE OIL

### Description and Application

**Prista® SHPD LS 10W-30** is a new category, semi-synthetic engine oil of medium SAPS level, intended for moderately extended oil drain intervals. This oil complies with the requirements imposed by the heavy-duty diesel engines running on bio-diesel fuel in accordance with EU regulations.

This lubricant is designated for the lubrication of the most modern heavy duty and heavy-loaded diesel engines used in international haulage and equipped with the modern aftertreatment systems (EGR or SCR) for hazardous NOx reduction and/or diesel particulate filters (DPF) combined with low-sulphur diesel fuels.

**Prista® SHPD LS 10W-30** multigrade engine oil is recommended for highly rated diesel engines complying with Euro IV, Euro V & Euro VI low emission standards and operated under severe loads and conditions.

### Benefits

- Protection against cylinder bore polishing and wear
- High engine cleanliness with considerably extended drain intervals up to 60 000 km
- Problem-free operation even in case of a heavily sooted oil
- High temperature thickening protection
- Bearing corrosion protection
- Foam control
- Easy engine start-ups even at very low sub-zero temperatures
- Latest additive technology
- Enhanced fuel economy

### Specifications

	SAE 10W-30
ACEA	E6/E7/E8/E9/E11
API	CK-4
DTFR	DTFR 15C110
MB-old specification	MB228.51
Volvo	VDS-4.5
Renault	RLD-3
Mack	EOS-4.5
Deutz	DQC VI-18LA
Caterpillar	ECF-3
MAN	M3775
Cummins	CES 20086
Detroit Diesel	DDC93K222
JASO	DH-2

### Typical Characteristics

Parameter	Test Method	Typical Value
Density at 20°C, g/ml	EN ISO 3675	0.868
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	11.9
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	81.0
Viscosity Index	ISO 2909	142
Flash point COC, °C	EN ISO 2592	230
Pour point, °C	ISO 3016	-46
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D 2896	10.0
Sulfated Ash, %	EN ISO 3987	0.98

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

### Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

Prista Oil Holding EAD  
www.prista-oil.com



For more information about product MSDS, terms and conditions for storage and shelf life please visit: [www.prista-oil.com](http://www.prista-oil.com)