



# PRISTA® UHPD 5W-30

## HEAVY DUTY DIESEL ENGINE OILS

### Description and Application

**Prista® UHPD 5W-30** is top quality synthetic diesel engine oil designated for the lubrication of heavy-duty diesel engines designed according to the latest international diesel exhaust emission standards Euro IV, Euro V and Euro VI and equipped with the relevant diesel particulate filters.

**Prista® UHPD 5W-30** is recommended for use in the latest makes and models of turbocharged diesel engines, operated at severe loads and conditions in heavy-duty trucks and buses whose manufacturer recommend extended oil drain intervals. For the optimum oil drain interval, the users should follow the applicable manufacturers' recommendations for the relevant performance levels below.

### Benefits

- the best choice for Euro IV , Euro V and Euro VI heavy duty diesel engines
- engine cleanliness at significantly extended oil drain intervals
- extremely minimized hazardous exhaust emissions
- protection against cylinder bore polishing and cylinder liner wear
- problem-free engine start-ups at very low ambient temperatures
- fuel economy

### Specifications

	SAE 5W-30
ACEA	E6/E7/E8/E9/E11
API	CK-4
Daimler Trucks	DTFR 15C110
MB-old specification	228.51
Volvo	VDS-4.5
Renault Trucks	RLD-3
MAN	M3775
MTU	Type 3.1
Mack	EO-S-4.5
Cummins	CES 20086
Deutz	DQC IV-18LA
Caterpillar	ECF-3
Detroit Diesel	DDC 93K222
JASO	DH-2

### Typical Characteristics

Parameter	Test Method	Typical Value
Density at 20°C, g/ml	EN ISO 3675	0.858
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	11.8
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	68.5
Viscosity Index	ISO 2909	167
Flash point COC, °C	EN ISO 2592	228
Pour point, °C	ISO 3016	-39
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D 2896	10.0
Sulfated Ash, %	EN ISO 3987	1.0

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.

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)