



## Description

High quality UPHD (Ultra High Performance Diesel) lubricant with a low ash content (Mid SAPS), compatible with exhaust after-treatment technologies such as diesel particle filters, SCR, and catalysts. Its optimized formula means that it is long lasting and is compatible with all types of fuels (diesel, LPG, CNG, and biodiesel). Suitable for EURO VI and earlier engines.

## Properties

- The limited phosphorus and sulphur content and the low level of sulphated ash makes it suitable for use in most vehicles due to its compatibility with SCR systems.
- Its Mid SAPS technology ensures the performance and durability of engines equipped with particle filters, avoiding premature obstruction.
- It can be used when biodiesel is used as a fuel, following the recommended drain interval established by the manufacturers.
- The additives in this product have obtained excellent results in the engine tests, achieving a long-lasting oil with excellent properties, prolonging the engines service life.

## Quality levels, approvals and recommendations

- ACEA E6, E7, E8, E9, E11
- API CK-4
- CATERPILLAR CAT ECF-3
- CUMMINS CES 20086
- DAF Extended Drain
- DETROIT DIESEL DFS 93K222
- DEUTZ DQC IV-18 LA
- MACK EOS-4.5
- MAN M 3477/M 3775
- MB 228.31/228.51
- MTU Type 3.1
- RENAULT RLD-3
- VOLVO VDS-4.5

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			10W-40
Density at 15 °C	g/cm3	ASTM D4052	0,863
Kinematic viscosity at 40 °C	cSt	ASTM D445	95
Kinematic viscosity at 100 °C	cSt	ASTM D445	14.2
CCS Viscosity at -25 °C	cP	ASTM D5293	<7,000
Viscosity index	-	ASTM D2270	156
Flash point, open cup	°C	ASTM D92	>215
Pour point	°C	ASTM D97	<-39
Shearing Inj.Bosch: Vis 100 °C (90 cy)	cSt	CEC L-14-93	>12.5
Sulphated ashes	% in weight	ASTM D874	<1.0
TBN	mg KOH/g	ASTM D2896	10.9

The above mentioned characteristics are typical values and should not be considered product specifications.