

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION ADVANCED LD 5W30

DESCRIPTION

100% Synthetic lubricant for late-generation diesel engines that meets the current demand for oils with fuel-saving properties and with long periods between drains ("Super Extend Oil Drain") following the manufacturers' specifications and for Euro V and older engines without DPF particulate filters.

PRODUCT APPLICATIONS

- Designed for late-generation goods and passenger transport vehicles that require extended oil change intervals combined with low friction and maximum protection.
- Specifically recommended by builders of Euro V and older non-particulate filter (DPF) engines operating in Extended Maintenance service, using SCR and/or EGR.
- Specially designed for lubrication of heavy vehicles that require a top-quality oil under the ACEA E4 standards.

PRODUCT PERFORMANCE

- Provides excellent piston cleaning, protection against wear and ability to contain high soot levels, keeping the engine in perfect condition and extending its life.
- Lengthens periods between oil changes, resulting in fewer maintenance stops and significant savings in vehicle lubrication and maintenance costs.
- Thanks to its synthetic bases and special additivation, it assures proven fuel savings.
- Its SAE 5W-30 viscosity provides superb flow properties at low temperatures establishing rapid lubrication after cold starts and excellent lubrication during service, even in the most severe applications, minimising wear on the valve train.

SPECIFICATIONS

- ACEA E4
- DTFR 15B120 (MB-Approval 228.5)
- MAN M 3277
- SCANIA LDF-3
- VOLVO VDS-3
- MACK EO-N
- RENAULT VI RLD-2
- MTU Type 3
- DAF Extended Drain
- DEUTZ DQC IV-10
- CUMMINS CES 20077



TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED LD 5W30
SAE Grade	-	-	5W-30
Density at 15°C	g/ml	ASTM D 4052	0.8606
Viscosity at 100°C	cSt	ASTM D 445	12.0
Viscosity at 40° C	cSt	ASTM D 445	72.5
Viscosity index	-	ASTM D 2270	161
CCS viscosity at -30°C	cP	ASTM D 5293	5625
Freezing point	°C	ASTM D 5950	-45
Flash point, V/A	°C	ASTM D 92	>220
Base number, TBN	mg KOH/g	ASTM D 2896	16
Sulphated ash	% (m/m)	ASTM D 874	1.6

HEALTH & SAFETY AND ENVIRONMENT

A Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.