

TRACTION ADVANCED LD 10W40



DESCRIPTION

A long drain interval lubricant formulated with synthetic technology for advanced diesel commercial vehicles (supercharged and intercooler) with Euro 5 or earlier engines using EcoBlue® (SCR) or exhaust gas recirculation (EGR) systems. Not suitable for engines with Particulate Filters (DPF). It is also suitable for Scania Euro 6 engines requiring LDF-3 specification.

PRODUCT APPLICATIONS

- Intended for trucks and buses both on long routes and in urban areas that require very extended maintenance intervals and using additional, high-capacity, and low-micronage filters. Technology for very long "Super Extend Oil Drain" drainage periods.
- Indicated for mixed fleets, where there are vehicles with Euro 5 and earlier engines.
- Approved as SCANIA LDF-3 for its Euro 6 engines and with long change intervals.

PRODUCT PERFORMANCE

- Due to its synthetic nature and state-of-the-art detergent additivation, it provides high piston cleanliness, around 60% higher than conventional SHPDs, which results in lower maintenance costs and longer engine life.
- Due to its low volatility, it has very low oil consumption in severe conditions.
- Due to its improved fluidity, it reduces wear during critical start-up periods.
- Due to being highly dispersant, it is ideal for engines that produce a high rate of soot.

TYPICAL CHARACTERISTICS

- ACEA E4, E7
- VOLVO VDS-3
- MTU Type 3
- API CI-4
- MACK EO-N
- DAF Extended Drain
- DTFR 15B120 (MB-Approval 228.5)
- Renault RLD-2
- CUMMINS CES 20077/78
- MAN M 3277
- SCANIA LDF-3
- DEUTZ DQC IV-18



LEVELS OF QUALITY

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED LD 10W40
SAE Grade	-	-	10W-40
Density 15 °C	g/ml	ASTM D 4052	0.867
Viscosity at 100 °C	cSt	ASTM D 445	14.5
Viscosity at 40 °C	cSt	ASTM D 445	98.1
Viscosity Index	-	ASTM D 2270	153
CCS Viscosity at -25° C	cP	ASTM D 5293	6043
Pour Point	°C	ASTM D 5950	-45
Flash Point, COC	°C	ASTM D 92	244
Base number, TBN	mg KOH/g	ASTM D 2896	15.3
Sulfated ash	% (m/m)	ASTM D 874	1.6

HEALTH & SAFETY AND ENVIRONMENT

A Material 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.