

LDX Plus

SAE 10W-40

Semi-Synthetic Engine Oil for Diesel and Gasoline Engines of Heavily Loaded Commercial Vehicle

High-performance state of the art low-friction engine oil, specially developed to meet the strict requirements of the API CI-4 specification, especially suitable for truck diesel engines with exhaust gas recirculationsystem.

Properties and features

- Manufactured with synthetic components and state-of-the-art additives.
- The lower ash content reduces the pollutants due to lower particle emissions.
- The excellent detergent and dispersant effect, superior to other similar lubricating oils, guarantees improved cleanliness of the pistons, prevents bore polishing, deposits in the turbocharger and soot residues, for optimum cleanliness of the engine even in the case of extended oil drain intervals.
- The improved wear protection, the excellent viscosity stability (stay-in-grade) and resistance to oxidation, strong neutralizing effect against acid substances.

Use

LDX Plus 10W-40 is recommended especially for the use in EURO I, II, III and IV heavy duty diesel engines, with or without turbocharger, trucks and buses operating under the severe conditions.

This product enables extended oil drain intervals (according to the manufacturer's specifications).

Also recommended for gasoline and diesel engines of passenger cars and light duty vehicles, with or without turbo.

The manufacturer's specifications must be observed for use and oil change intervals.

Spezifikationen und Performance

ACEA E7	SCANIA EURO 4
ACEA A3/B4	(Ölwechselintervalle nach Herstellervorschriften für ACEA E7)
API CI-4, CH-4, CG-4, CF-4, CF / SL	CUMMINS CES 20071/72/76/77/78
GLOBAL DHD-1	DEUTZ DQC III-18
MB 228.3	DETROIT DIESEL 93K215
MB 229.1	RENAULT VI RLD, RLD-2
MAN M 3275, MAN M 271	MTU Typ 2
VOLVO VDS-3, VDS-2	CATERPILLAR ECF-2, ECF-1-a
	MACK EO-M PLUS, EO-N
	ZF TE-ML 03A

LDX Plus SAE 10W-40**Typische Kennwerte****Prüfmethode**

Dichte bei 15°C	0,870	g/cm ³	ASTM D 1298
Viskosität bei 40°C	95	mm ² /s	ASTM D 445
Viskosität bei 100°C	14,0	mm ² /s	ASTM D 445
Viskositätsindex	150		ASTM D 2270
Viskosität bei -25°C (CCS)	6600	cP	ASTM D 5293
TBN	11.5	mgKOH/g	ASTM D 2896
Sulphatasche	1.49	Gew.%	ASTM D 874
Flammpunkt C.O.C.	234	°C	ASTM D 92
Pour point	-39	°C	ASTM D 97
NOAK-Verdampfungsverlust	11.0	Gew.%	CEC-L-40-A-93

Bemerkungen

ADR / SDR : Kein Gefahrgut VeVA-Code : 13 02 08