

PRODUCT DESCRIPTION

Kamaz Lubricants 15W40 is a high-quality multigrade engine oil for the use in heavy-duty diesel engines (both non-charged and turbocharged), operating under severe conditions. Kamaz Lubricants 15W40 is based on highly refined mineral base oils with high-performance additive package, which keeps the engine clean and provides excellent anti-wear and anti-oxidant properties.

APPLICATION

Kamaz Lubricants 15W40 is recommended for use in four-stroke diesel engines of heavy-duty trucks and special equipment (e.g. agricultural, mining and construction equipment). The oil is designed for engines without particulate filters (DPF) and is suitable for use in some engines, equipped with EGR and SCR NOx reduction systems. Kamaz Lubricants 15W40 can be used where previous API engine oil categories are required (API CH-4, CG-4 and below).

MEETS REQUIREMENTS

API CI-4/SL	ACEA E7
VOLVO VDS-3	Caterpillar ECF-2/1-a
Mack EO-N	Cummins CES 20077/76/72/71
Renault VI RLD-2	MAN M 3275-1
MB-Approval 228.3	Mack EO-M Plus
Cummins CES 20078	Detroit Diesel DFS 93K215
MTU Oil Category 2	ZF TE-ML 03A/04P/07D
PJSC "Tutaev Motor Plant"	
PJSC "Avtodizel" (YMZ)	

TYPICAL TEST DATA

PROPERTY	TEST METHOD	LOADEX 15W40
Density at 15 °C, kg/m ³	ASTM D1298 / ASTM D4052	887
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	12.5-16.3
Viscosity index	ASTM D2270	134
Cold Cranking Viscosity (CCS) at -20 °C, mPa·s	ASTM D5293 / GOST R 52559	6000
Pumping Viscosity at -25 °C, (MRV) mPa·s	ASTM D4684 / GOST R 52257	34.50
Total base number, mg KOH/1 g oil	ASTM D2896	8.0-10.0
Sulphated ash, %	ASTM D874	1.20
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	10.40
Flash Point, COC, °C	ASTM D92	232
Pour Point, °C	GOST 20287 B	-33

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances.