KAMAZ lubricants

LUMENIX 15W40

Multigrade Semi-Synthetic Engine Oil For Mining, Generator And Construction Machinery

PRODUCT DESCRIPTION

Kamaz Lubricants 15W40 is a multigrade semi-synthetic engine oil meeting requirements of modern engine manufacturers of mining, generator and construction machinery (Cummins, MTU, etc.) which requires extended oil drain intervals.
Kamaz Lubricants 15W40 is based on synthetic base stocks and modern advanced additives package.

APPLICATION

Kamaz Lubricants 15W40 is recommended for diesel engines of heavy duty mining, generator, construction, off-road and specialized machines, as well as machinery which require extended oil drain intervals. The oil is also recommended for diesel engines according to API CI-4 and 15W-40 grade, what is essential for mixed fleets of equipment.

BENEFITS

•High anti-oxidation and thermal stability provides extended drain interval in comparison with ordinary API CI-4 oils
•Excellent low-temperature properties ensure reliable engine cold-start in winter period
•High level of anti-wear and detergent dispersant properties reduces deposit formation and provides engine cleanliness
•The oil allows to increase equipment operation efficiency due to reducing downtime for maintenance and oil change

MEETS REQUIREMENTS

API CI-4	Cummins CES 20077
VOLVO VDS-3	Global DHD-1
Mack EO-N	MB 228.1
Renault VI RLD-2	MAN M 3275
MB-Approval 228.3	JASO DH-1
MTU Oil Category 3	
Cummins CES 20078	

TYPICAL TEST DATA

PROPERTY	TEST METHOD	LUMENIX 15W40
Density at 20 °C, kg/m³	ASTM D4052	878.6
Kinematic viscosity at 100 °C, mm²/s	ASTM D445	12.5-16.3
Viscosity index	ASTM D2270	145
Cold Cranking Viscosity (CCS) at -20 °C, mPa·s	ASTM D5293 / GOST R 52559	5,300
Pumping Viscosity at -25 °C,(MRV) mPa·s	ASTM D4684 / GOST R 52257	14,950
Total base number, mg KOH/1 g oil	ASTM D2896	10.0-15.0
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	10.4
Sulphated ash, %	ASTM D874	1.8
Flash Point, COC, °C	ASTM D92	231
Pour Point, °C	GOST 20287 B	-39

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.