

PRODUCT DESCRIPTION

Kamaz Lubricants HD 50 is a high quality seasonal engine oil. HD 50 formulated using highly refined mineral base stocks and carefully selected additives package. The oil meets requirements of API CF-4 /SF and provides significantly improved protection against varnish, oxidation and possesses improved EP properties as compared to GOST engine oils of "Г" and "Д" performance category.

APPLICATION

Kamaz Lubricants HD 50 is designed for commercial vehicles with diesel supercharged engines under severe conditions. These oils are also recommended for diesel engines of commercial vehicles and passenger cars, naturally aspirated petrol engines in accordance with OEM recommendation. HD 50 work effectively in domestic off-road, municipal, construction and agricultural vehicles equipped with Euro 2 engines, which require API CF-4 level motor oil.

MEETS REQUIREMENTS

MIL-L-2104D and 2104E
Allison C3
Caterpillar TO-2
API CF-4/SF

TYPICAL TEST DATA

PROPERTY	TEST METHOD	LOADEX HD 50
Density at 15 °C, kg/m ³	ASTM D1298 / ASTM D4052	900
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	17.0-21.0
Viscosity index	ASTM D2270	95
Total base number, mg KOH/1 g oil	ASTM D2896	8.0-10.0
Pour Point, °C	GOST 20287 B	-18
Flash Point, COC, °C	ASTM D92	250
Sulphated ash, %	ASTM D874	1.4
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	5.0

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.