

LUKOIL MS-20

Aviation oil

Meets requirements

GOST 21743

Product description

LUKOIL MS-20 is solvent-refined mineral oil without additives.

Application

LUKOIL MS-20 is approved for use in aircraft piston engines, gas turbine engines, helicopter gear cases, and feathering hinges of MI helicopter rotor heads. It is used in oil blends for the following applications:

- lubricating systems of aircraft turbo-prop engines;
- feathering hinges of helicopter rotor heads
- engine compressors of gas compressor units
- speed governors of diesel engines with self-contained oil systems and crankcases

Features and benefits

- Provide deterging properties
- Minimal deposits in combustion chambers, spark plugs, rings, pistons, and other components
- Reduced wear
- Increased equipment reliability
- High oxidative and thermal stability
- Easier cold starting
- Excellent high temperature properties

Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by LUKOIL LUBRICANTS EAST EUROPE S.R.L.

Property	Test methods	Value
Density at 15°C, kg/m ³	ASTM D 7042	894.6
Kinematic viscosity at 100 °C, mm ² /s	ASTM D 7042	22.44
Viscosity index	ASTM D 7042/ SR ISO 2909	92
Conradson Carbon Residue, %	ASTM D 189-14	0.27
Neutralization index, mg KOH/g	ASTM D 1401/ STAS 56 met. II	0.02
Ash	ASTM D 482	0.003
Flash point, COC, °C	ASTM D 92/ SR ISO 2592	275
Pour point, °C	ASTM D 97/ SR 13552	-18
Colour	ASTM D 6045	5

Shelf life and storage

When stored in the original unopened containers in a dry place, this product has a shelf life of 5 years from the date of production.

Safety, Health, Environment

This product doesn't contain any toxic ingredients. During storage, transportation and application of this product, the safety rules for handling lubricating materials and the environment protection regulations must be observed. For further information on how to use LUKOIL products, please refer to the material safety data sheet.