



Aminol MS-20

Product Data Sheet

Aviation oil

Product description

Aminol MS-20 is a solvent-refined mineral oil without additives. It is engineered for use in aircraft piston engines, gas turbine engines, helicopter gear cases, and feathering hinges of MI helicopter rotor heads.

Application

- Lubricating systems of aircraft turboprop engines
- Feathering the hinges of helicopter rotor heads
- Engine compressors of gas compressor units
- Speed governors of diesel engines with self-contained oil systems and crankcases.

Features & Benefits

- Minimal deposits in engine components
- Reduced wear
- High oxidative and thermal stability
- Easier cold starting
- Excellent high-temperature performance

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.895
Kinematic Viscosity at 100°C	cst	GOST 33	22.00
Kinematic Viscosity at 40°C	cst	GOST 33	298.7
Viscosity Index	-	GOST 25371	90
Carbon Residue content	%	GOST 19932	0.29
Mechanical impurities content	%	GOST 6370	None
Water content	%	GOST 2477	None
Flash Point (COC)	°C	GOST 4333	280
Pour Point	°C	GOST 20287	-21
Corrosion effect on lead plates	-	GOST 20502	18
Color (15:85)	-	GOST 20284	4.0

Typical property characteristics are based on current production. Whilst future production will conform to Aminol specifications, variations in these characteristics may occur.

Performance claims

- GOST 21743-76



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Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety, refer to the appropriate Safety Data Sheet, which can be obtained upon request or through our website: www.aminol.az

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun, or freezing conditions.

Notes

This data sheet and the information it contains are believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services, and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

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