



Aminol MGE-46V

Product Data Sheet

Hydraulic oil

Product description

Aminol MGE-46V is a high-quality hydraulic fluid based on highly refined mineral base oil with a multifunctional additive package that provides antioxidative, anti-wear, and anticorrosive properties. It has been designed for use in hydrovolume transfers, hydraulic systems, and hydrostatic drives, particularly in agricultural and other machinery operating under pressures up to 35 MPa, with the potential for short-term increases up to 42 MPa.

Application

Aminol MGE-46V is recommended for use in hydrostatic transmissions, hydraulic systems, and hydrostatic drives of agricultural, road construction, and other equipment operating under severe conditions, with pressures up to 35 MPa, occasionally increasing to 42 MPa. It remains operational in hydrostatic transmission units within the temperature range of -10 to +80 °C.

Features & Benefits

- Excellent anti-wear protection
- High oxidation stability for longer life
- Compatible with hydraulic system seals

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	GOST 3900	0.878
Kinematic Viscosity at 40°C	mm ² /s	GOST 33	46.00
Kinematic Viscosity at 100°C	mm ² /s	GOST 33	6.670
Viscosity Index	-	GOST 25371	95
Flash Point (COC)	°C	GOST 4333	226
Pour Point	°C	GOST 20287	-27

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

Performance claims

- TU 38.001347-00
- ISO 6743 HM
- DIN 51524-2 HLP
- ISO VG 46



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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

- 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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