



Product Data Sheet

Aminol™ MGE-46V

Hydraulic oil

Product description

Aminol™ MGE-46V is high-quality hydraulic fluid based on highly refined mineral base oil with a multifunctional additive package that provides antioxidative, antiwear and anticorrosive properties. It has been designed for application 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	ASTM D4052	0.878
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.84
Viscosity Index	-	ASTM D2270	102
Flash Point (COC)	°C	ASTM D92	226
Pour Point	°C	ASTM D97	-24



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

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

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