

Product Data Sheet

Tomoil™ MGE-46V

GOST oil

Product description

Eurotec™ MGE-46V is a high-quality hydraulic fluid with purified mineral base oil and special additives, perfect for agricultural machinery in hydrovolume transfers, hydraulic systems, and hydrostatic drives. It handles pressures up to 35 MPa, with short-term peaks reaching 42 MPa.

Application

Tomoil™ 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 Tomoil™ 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.tomoil.de

• 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 | • 200 L Drum sheet metal |
| • 30 L Canister plastic | • 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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