

Product Information

JB GERMAN OIL Hydrauliköl HLP 68

J2246



Description

GERMANOL Energy G-HLP 68 is an optimally alloyed hydraulic oil. It has a high level of performance and a wide range of applications within the entire industry. It is characterized especially by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

Instructions for use

GERMANOL Energy G-HLP 68 is universally applicable in all hydraulic systems. It is recommended for thermally highly stressed hydraulic systems with high-pressure pumps of all models, in sensitive control systems, and also for the supply of small gear units and for use in circulation systems.

Quality classification

Specification

- AFNOR NF E 48-603 HM
- ASTM D6158
- CETOP RP 91H HM
- DIN 51524-2
- GB 111118.1 L-HM (conventional)
- ISO 11158 HM
- ISO 6743-4 HM
- MIL-PRF-17672 E
- SAE MS1004 HM
- SEB 181 222
- Swedish Standard SS 155434
- VDMA 24318

Recommendation

- Atos
- Bosch Rexroth RE 90220
- Danieli Hydraulics
- Denison HF-0/HF-1/HF-2
- Eaton/Sperry Vickers I-286-S
- Eaton/Sperry Vickers M-2950-S
- Fives Cincinnati P-55/P-70
- GM LH-06-1-04, GM LS-2
- Metso
- Müller Weingarten
- Sauer-Danfoss 520L0463
- US Steel 126/127/136
- ZF TE-ML 07H

Properties

- High resistance to aging
- High level of performance
- Neutrality towards sealants
- Extensive protection against wear, corrosion and foaming
- High standard for a long service life

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	68,0	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	9,0	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	106		DIN ISO 2909:2004-08
Appearance	LIGHT YELLOW		VISUELL
Density at 15°C	869	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-24	°C	ASTM D 7346:2015