Product Information

JB GERMAN OIL Hydrauliköl HLP 22

J2247

Description

JB GERMAN OIL Hydrauliköl HLP 22 is a mineral-oil based hydraulic fluid with highly effective additives. It is optimally alloyed, has a high level of performance and a wide range of applications within the entire industry. JB GERMAN OIL Hydrauliköl HLP 22 offers a high wear protection, even under extreme loads, thanks to effective additives. JB GERMAN OIL Hydrauliköl HLP 22 is characterised especially by a very good viscosity and temperature behaviour, high resistance to ageing and reliable corrosion protection.

Instructions for use

JB GERMAN OIL Hydrauliköl HLP 22 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
- SAE MS1004 HM
- SEB 181 222
- Swedish Standard SS 155434
- VDMA 24318

Recommendation

- Bosch Rexroth RE 90220
- Danieli Hydraulics
- Denison HF-0/HF-1/HF-2
- GM LH-02-1-04, GM LS-2
- Metso
- Sauer-Danfoss 520L0463

Properties

- Reliable protection against corrosion
- Very good oxidation stability
- Neutral towards sealants
- Excellent wear protection
- High resistance to ageing

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	22,6	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	4,5	mm²/s	DIN 51659-2:2017-02
Viscosity Index	114		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	851	kg/m³	DIN EN ISO 12185:1997-11
Pour Point	-39	°C	ASTM D 7346:2015

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