

Product Information

AVENO Mineral Hydraulic HLP 32

0002-000239



Description

AVENO Mineral Hydraulic HLP 32 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. AVENO Mineral Hydraulic HLP 32 offers a high wear protection, even under extreme loads, thanks to effective additives. AVENO Mineral Hydraulic HLP 32 is characterized especially by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

Instructions for use

AVENO Mineral Hydraulic HLP 32 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
- JCMAS HK
- MIL-PRF-17672 E
- SAE MS1004 HM
- SEB 181 222

Recommendation

- VDMA 24318
- 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-38/P-68
- GM LH-02-1-04, GM LS-2
- Metso
- Müller Weingarten
- Sauer-Danfoss 520L0463
- US Steel 126/127/136
- Voith Turbo (HLP 32)

Properties

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

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	32.0	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	5.6	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	115		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	859	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-33	°C	ASTM D 7346:2015