

Product Information

AVENO Mineral Hydraulic HLP 68

0002-000240



Description

AVENO Mineral Hydraulic 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

AVENO Mineral Hydraulic 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. A mixture with hydraulic oils of the same class is acceptable.

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