

Product Information

AVENO Hydraulic HVLV AF 32

0002-000228



Description

AVENO Hydraulic HVLV AF 32 is an ash- and zinc-free multi-grade hydraulic oil. AVENO Hydraulic HVLV AF 32 offers a high wear protection, even under extreme loads, thanks to effective additives. AVENO Hydraulic HVLV AF 32 is characterized especially by a very good viscosity and temperature behavior and reliable corrosion protection.

Instructions for use

AVENO Hydraulic HVLV AF 32 can be used primarily in hydraulic systems with heavily fluctuating operating temperatures. AVENO Hydraulic HVLV AF 32 is ideal for heavy-loaded hydraulic systems, earth-moving machines and agricultural machinery. It is favored at heavily fluctuating operating temperatures and may not be used in hydraulic systems which contain silver or silver-plated construction and operating elements.

Quality classification

Specification

- AFNOR NF E 48-603 HV
- AFNOR NF E 48-690/1
- CETOP RP 91H HV
- GB 111118.1 L-HV
- ISO 11158 HV
- ISO 6743-4 HV
- JCMAS HK VG32W
- SAE MS1004

Recommendation

- Bosch Rexroth RE 90220
- Denison HF-0/HF-1/HF-2
- Eaton/Sperry Vickers I-286-S
- Eaton/Sperry Vickers M-2950-S
- Fives Cincinnati P-68
- GM LH-03-1-04, GM LS-2
- Sauer-Danfoss 520L0463
- US Steel 126/127/136

Properties

- Reliable protection against corrosion
- Excellent wear protection
- Very good oxidation stability
- Very low pour point
- A stable viscosity index
- Prevention of foam formation thanks to good air and water separation capacity
- Neutral towards sealing agents

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	32,1	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	6,5	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	160		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	855	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-48	°C	ASTM D 7346:2015