

# Product Information

## AVENO HLP AF 32

0002-000224



### Description

AVENO HLP AF 32 is suitable for all hydraulic systems and universally applicable. The use of AVENO HLP AF 32 is particularly recommended for use in circulation systems, for the supply of small gearboxes, for thermally highly stressed hydraulic systems with high-pressure pumps of all models, in sensitive control systems, and for hydraulic systems in agriculture.

### Instructions for use

AVENO HLP AF 32 is an optimally alloyed hydraulic oil. It has a high level of performance and a wide range of applications within the entire industry. AVENO HLP AF 32 is characterized in particular by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

### Quality classification

#### Specification

- AFNOR NF E 48-603 HM
- ASTM D6158
- DIN 51524-2
- GB 111118.1 L-HM (conventional)
- ISO 11158 HM
- ISO 6743-4 HM
- SAE MS1004 HM
- SEB 181 222

#### Recommendation

- 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-03-1-04
- Müller Weingarten
- Thyssen TH-N256-142
- US Steel 127/136

### Properties

- High level of performance
- High resistance to aging
- Excellent wear protection
- Soluble in PAO
- Good demulsification ability
- Very good viscosity and temperature behavior
- Reliable corrosion protection, neutral towards sealants
- Outstanding high-pressure properties
- Good viscosity-temperature characteristics

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	32,2	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	5,7	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	117		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	858	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-33	°C	ASTM D 7346:2015