

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 ² /s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 5.7 | mm ² /s | DIN 51659-2:2017-02 |
| Viscosity Index | 117 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOW | | VISUELL |
| Density at 15°C | 858 | kg/m ³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -33 | °C | ASTM D 7346:2015 |