

Product Information

AVENO Hydraulic HVLP 32

0002-000243



Description

AVENO Hydraulic HVLP 32 is a multi-grade hydraulic oil developed on the basis of specially selected base oils. AVENO Hydraulic HVLP 32 offers a high wear protection, even under extreme loads, thanks to effective additives. AVENO Hydraulic HVLP 32 is characterized especially by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

Instructions for use

AVENO Hydraulic HVLP 32 can be used primarily in hydraulic systems with heavily fluctuating operating temperatures. AVENO Hydraulic HVLP 32 is ideal for heavily loaded hydraulic systems, earth-moving machines and agricultural machinery. It is favored 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
- DIN 51524-3
- GB 111118.1 L-HV
- ISO 11158 HV
- ISO 6743-4 HV
- JCMAS HK VG32W
- SAE MS1004

Recommendation

- Bosch Rexroth RE90220
- 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 127/136

Properties

- Reliable protection against corrosion
- Excellent wear protection
- Good oxidation stability
- Very low pour point
- Stable viscosity index
- Good air and water separation capacity, thereby preventing foam formation
- Neutral towards sealants made from plastics

Technical specifications

| Properties | Data | Unit | Testing under |
|------------------------------|--------|--------------------|--------------------------|
| Kinematic Viscosity at 40°C | 31.6 | mm ² /s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 6.4 | mm ² /s | DIN 51659-2:2017-02 |
| Viscosity Index | 159 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOW | | VISUELL |
| Density at 15°C | 849 | kg/m ³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -48 | °C | ASTM D 7346:2015 |