

Product Information

AVENO Hydraulic HVLP 68

0002-000245



Description

AVENO Hydraulic HVLP 68 is an optimally developed multi-grade hydraulic oil on the basis of specially selected base oils. AVENO Hydraulic HVLP 68 is characterized by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

Instructions for use

AVENO Hydraulic HVLP 68 can be used primarily in hydraulic systems with heavily fluctuating operating temperatures. AVENO Hydraulic HVLP 68 is ideal for heavily 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
- CETOP RP 91H HV
- DIN 51524-3
- ISO 6743-4 HV

Recommendation

- Denison HF-0/HF-1/HF-2
- Eaton/Sperry Vickers 1-286-S
- Eaton/Sperry Vickers M-2950-S
- GM LH-04-1/LH-06-1/LH-15-1
- US Steel 127/136

Properties

- High and stable viscosity index
- An extensive protection against wear and corrosion
- High standard for a long service life
- Very low pour point
- High level of performance
- Neutrality towards sealants
- Prevention of foam formation thanks to good air and water separation capacity

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 | 11.2 | mm ² /s | DIN 51659-2:2017-02 |
| Viscosity Index | 170 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOW | | VISUELL |
| Density at 15°C | 864 | kg/m ³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -39 | °C | ASTM D 7346:2015 |