

Product Information

AVENO Hydraulic HVLP 100

0002-000448



Description

AVENO Hydraulic HVLP 100 is a multigrade hydraulic oil based on specially selected base oils. AVENO Hydraulic HVLP 100 is characterized by good viscosity-temperature behaviour, high ageing resistance and reliable corrosion protection.

Instructions for use

AVENO Hydraulic HVLP 100 is particularly suitable for use in hydraulic systems with highly fluctuating operating temperatures. AVENO Hydraulic HVLP 100 is ideally suited for heavy-duty hydraulic systems, earth-moving machinery and agricultural machinery. It is favored for highly fluctuating operating temperatures and must not be used in hydraulic systems containing silver or silver-plated components and operating elements.

Quality classification

Specification

- AFNOR NF E 48-603 HV
- CETOP RP 91H HV
- DIN 51524-3 (HVLP)
- 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, GM LH-06-1, GM LH-15-1
- US Steel 127, US Steel 136

Properties

- High and stable viscosity index
- High performance level
- Long service life
- Prevention of foaming
- Extensive protection against wear and corrosion
- Neutrality towards sealing materials
- Good air and water separation capacity
- Very low pour point

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	99.7	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	14.5	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	150		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	873	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-33	°C	ASTM D 7346:2015