

Product Information

AVENO Hydraulic HVLP AF 46

0002-000229



Description

AVENO Hydraulic HVLP AF 46 is a ash- and zinc-free multi-grade hydraulic oil. AVENO Hydraulic HVLP AF 46 offers effective additives for high wear protection even under extreme loads. AVENO Hydraulic HVLP AF 46 is characterized by good viscosity-temperature behavior and reliable corrosion protection.

Instructions for use

AVENO Hydraulic HVLP AF 46 can be used primarily in hydraulic systems with heavily fluctuating operating temperatures. AVENO Hydraulic HVLP AF 46 is ideal for heavy-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-1/HF-0/HF-2
- Eaton/Sperry Vickers I-286-S
- Eaton/Sperry Vickers M-2950-S
- General Motors LH-04-1/LH-06-1/LH-15-1
- US Steel 127/136

Properties

- Reliable protection against corrosion
- Excellent wear protection
- Very good oxidation stability
- Very low pour point
- A stable viscosity index
- Prevention of foam formation thanks to good air and water separation capacity
- Neutral towards sealing agents

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	45.4	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	8.5	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	165		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Density at 15°C	856	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-48	°C	ASTM D 7346:2015