

Product Information

AVENO HLP AF 46

0002-000225



Description

AVENO HLP AF 46 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 46 is characterized in particular by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

Instructions for use

AVENO HLP AF 46 is suitable for all hydraulic systems and universally applicable. The use of AVENO HLP AF 46 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.

Quality classification

Specification

- DIN 51524-2
- SEB 181 222

Recommendation

- 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	45.5	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	7.1	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	115		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	861	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-30	°C	ASTM D 7346:2015