Product Information

AVENO HLP AF 46

0002-000225



Description

Appearance

Pour Point

Density at 15°C

YELLOW

861

-30

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 WeingartenThyssen TH-N256-142		• US Steel 127/136	
Properties			
High level of performance		 Very good viscosity and temperature behavior 	
High resistance to aging		Reliable corrosion protection, neutral towards sealants	
Excellent wear protection		Outstanding high-pressure properties	
Soluble in PAO		 Good viscosity-temperature characteristics 	
Good demulsification ability			
Technical specifications			
Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	45.5	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	7.1	mm²/s	DIN 51659-2:2017-02
Viscosity Index	115		DIN ISO 2909:2004-08

kg/m³

°C

VISUELL

DIN EN ISO 12185:1997-11

ASTM D 7346:2015

Notice: To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments of the Deutsche Ölwerke Lubmin GmbH. Our products are subject to continuous development. For this reason, our products, the manufacturing processes and all related information on this product page are subject to change at any time and without notice, unless customer-specific agreements exist. The data listed are based on standardized test procedures under appropriate laboratory conditions and are to be regarded as general, non-binding reference values.