Product Information

AVENO Mineral Hydraulic HLP 32

0002-000239



Description

AVENO Mineral Hydraulic HLP 32 is a mineral-oil based hydraulic fluid with highly effective additives. It is optimally alloyed, has a high level of performance and a wide range of applications within the entire industry. AVENO Mineral Hydraulic HLP 32 offers a high wear protection, even under extreme loads, thanks to effective additives. AVENO Mineral Hydraulic HLP 32 is characterized especially by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

Instructions for use

AVENO Mineral Hydraulic HLP 32 is universally applicable in all hydraulic systems. It is recommended for thermally highly stressed hydraulic systems with highpressure pumps of all models, in sensitive control systems, and also for the supply of small gear units and for use in circulation systems.

Quality classification		
Specification		
• AFNOR NF E 48-603 HM	• ISO 6743-4 HM	
• ASTM D6158	• JCMAS HK	
• CETOP RP 91H HM	• MIL-PRF-17672 E	
• DIN 51524-2	• SAE MS1004 HM	
• GB 111118.1 L-HM (conventional)	• SEB 181 222	
• ISO 11158 HM		
Recommendation		
• VDMA 24318	Fives Cincinnati P-38/P-68	
• Atos	• GM LH-02-1-04, GM LS-2	
• Bosch Rexroth RE 90220	• Metso	
Danieli Hydraulics	Müller Weingarten	
Denison HF-0/HF-1/HF-2	Sauer-Danfoss 520L0463	
Eaton/Sperry Vickers I-286-S	• US Steel 126/127/136	
Eaton/Sperry Vickers M-2950-S	• Voith Turbo (HLP 32)	
Properties		
Reliable protection against corrosion	• Excellent wear protection	

- Very good oxidation stability
- Neutral towards sealants

- High resistance to aging

Technical specifications					
Properties	Data	Unit	Testing under		
Kinematic Viscosity at 40°C	32.0	mm²/s	DIN 51659-2:2017-02		
Kinematic Viscosity at 100°C	5.6	mm²/s	DIN 51659-2:2017-02		
Viscosity Index	115		DIN ISO 2909:2004-08		
Appearance	YELLOW		VISUELL		
Density at 15°C	859	kg/m³	DIN EN ISO 12185:1997-11		
Pour Point	-33	°C	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.