Product Information

AVENO Mineral Hydraulic HLP 68

0002-000240



Description

AVENO Mineral Hydraulic HLP 68 is an optimally alloyed hydraulic oil. It has a high level of performance and a wide range of applications within the entire industry. It 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 68 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	• MIL-PRF-17672 E
• CETOP RP 91H HM	• SAE MS1004 HM
• DIN 51524-2	• SEB 181 222
• GB 111118.1 L-HM (conventional)	Swedish Standard SS 155434
• ISO 11158 HM	• VDMA 24318
Recommendation	
• Atos	• GM LH-06-1-04, 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 	• ZF TE-ML 07H
• Fives Cincinnati P-55/P-70	
Properties	
• High resistance to aging	 Extensive protection against wear, corrosion and foaming
 High level of performance 	 High standard for a long service life
 Neutrality towards sealants 	

Technical specifications Properties Data Unit **Testing under** DIN 51659-2:2017-02 Kinematic Viscosity at 40°C 68,0 mm²/s Kinematic Viscosity at 100°C 9,0 mm²/s DIN 51659-2:2017-02 106 DIN ISO 2909:2004-08 Viscosity Index LIGHT YELLOW VISUELL Appearance Density at 15°C 869 kg/m³ DIN EN ISO 12185:1997-11 Pour Point -24 °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.