Product Information

JB GERMAN OIL Hydrauliköl HLP 22

J2247



Description

JB GERMAN OIL Hydrauliköl HLP 22 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. JB GERMAN OIL Hydrauliköl HLP 22 offers a high wear protection, even under extreme loads, thanks to effective additives. JB GERMAN OIL Hydrauliköl HLP 22 is characterised especially by a very good viscosity and temperature behaviour, high resistance to ageing and reliable corrosion protection.

Instructions for use

JB GERMAN OIL Hydrauliköl HLP 22 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	• SAE MS1004 HM	
• CETOP RP 91H HM	• SEB 181 222	
• DIN 51524-2	Swedish Standard SS 155434	
• GB 111118.1 L-HM (conventional)	• VDMA 24318	
• ISO 11158 HM		
Recommendation		
Bosch Rexroth RE 90220	• GM LH-02-1-04, GM LS-2	
Danieli Hydraulics	• Metso	
• Denison HF-0/HF-1/HF-2	Sauer-Danfoss 520L0463	
Properties		
Reliable protection against corrosion	• Excellent wear protection	
 Very good oxidation stability 	High resistance to ageing	
Neutral towards sealants		
Technical specifications		

Technical specifications				
Properties	Data	Unit	Testing under	
Kinematic Viscosity at 40°C	22,6	mm²/s	DIN 51659-2:2017-02	
Kinematic Viscosity at 100°C	4,5	mm²/s	DIN 51659-2:2017-02	
Viscosity Index	114		DIN ISO 2909:2004-08	
Appearance	YELLOW		VISUELL	
Density at 15°C	851	kg/m³	DIN EN ISO 12185:1997-11	
Pour Point	-39	°C	ASTM D 7346:2015	

JB German Oil GmbH | Wölzower Weg 13 - 19 | D-19243 Wittenburg | Telefon: +49 (0) 38852 90620 | Telefax: +49 (0) 38852 906220

Notice: To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments. 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.