Product Information AVENO HVLPD 46

0002-000254



Description

AVENO HVLPD 46 is a multi-grade hydraulic oil developed on the basis of specially selected base oils. AVENO HVLPD 46 offers a high wear protection, even under extreme loads, thanks to effective additives. AVENO HVLPD 46 additionally contains dispersing and detergent ingredients, which always ensure clean hydraulics. These additives loosen impurities and keep them suspended, enabling the dirt to be cleaned from the dirty hydraulic systems. The functional elements of a hydraulic system are therefore kept clean from sediment and adhesions. Seeping water is emulsified and ensures the operation of the hydraulic system remains trouble-free.

Instructions for use

AVENO HVLPD 46 can be used primarily in hydraulic systems with heavily fluctuating operating temperatures. AVENO HVLPD 46 is ideal for heavy-loaded hydraulic systems, earth-moving machines and agricultural machinery. It is favored at heavily fluctuating operating temperatures and may not be used in hydraulic systems which contain silver or silver-plated construction and operating elements.

Quality classification		
Specification		
• AFNOR NF E 48-603 HV	• DIN 51524-3	
• CETOP RP 91H HV	• ISO 6743-4 HV	
Recommendation		
• Denison HF-0, HF-1, HF-2	• GM LH-04-1/LH-06-1/LH-15-1	
• Eaton/Sperry Vickers 1-286-S	• US Steel 136	
• Eaton/Sperry Vickers M-2950-S		
Properties		
Zinc and Ash free	Reliable protection against corrosion	
Excellent wear protection	Stable viscosity index	
 Very good oxidation stability 	 Good air and water separation capacity, thereby preventing foam formation 	
Very low pour point	Neutral towards sealants	
Technical specifications		

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	46,5	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	8,5	mm²/s	DIN 51659-2:2017-02
Viscosity Index	163		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Density at 15°C	861	kg/m³	DIN EN ISO 12185:1997-11
Pour Point	-42	°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.