



Aminol Hydraulic HLPD 46

Product Data Sheet

Hydraulic oil

Product description

Aminol Hydraulic HLPD 46 is a premium-quality hydraulic fluid with pronounced detergent and dispersing properties. It ensures consistently high performance and ultimate cleanliness in industrial and mobile hydraulic systems, even under heavy load conditions and in environments affected by water and dust.

Application

Aminol Hydraulic HLPD 46 is suitable for a broad spectrum of industrial and manufacturing applications that demand a high level of dispersancy, especially in instances of water ingress or contamination. It is particularly recommended for use in the hydraulic systems of machine tools, where there is a risk of water-mixed cutting fluids entering the hydraulic system.

Features & Benefits

- Outstanding water emulsifying ability
- Superior anti-wear properties
- Remarkable resistance to oxidation and thermal degradation
- Exceptional foam control and rapid air release properties
- Effective corrosion protection
- Excellent cleaning properties

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	ASTM D4052	0.880
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46.00
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.740
Viscosity Index	-	ASTM D2270	98
Flash Point (COC)	°C	ASTM D92	232
Pour Point	°C	ASTM D97	-24

Typical property characteristics are based on current production. Whilst future production will conform to Aminol specifications, variations in these characteristics may occur.

Performance claims

- DIN 51524-2 (HLPD)
- ISO 6743/4 (HM)



Aminol Hydraulic HLPD 46

Product Data Sheet

Hydraulic oil

- MAN N 698
- Daimler DBL 6721

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety, refer to the appropriate Safety Data Sheet, which can be obtained upon request or through our website: www.aminol.az

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Available pack sizes

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun, or freezing conditions.

Notes

This data sheet and the information it contains are believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services, and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

© 2016-2025 | All rights reserved

The logos and trademarks used herein are properties owned by ALCO LLC.



ALCO LLC

3, Vali Mammadov st., Sabail dist., Baku, Azerbaijan, AZ1095

✉ info@aminol.az

2/2