

TECHNICAL DATA SHEET

AIMOL Hydrotech HVLPD

Mineral hydraulic oil HLPD, with detergency, ashless, zinc-free, with high viscosity index.

AIMOL Hydrotech HVLPD is an hydraulic oil, formulated from high performance base stocks and specially selected additives. The product is ashless, zinc-free and has strong deterging properties.

Due to the emulsifying capabilities **AIMOL Hydrotech HVLPD** is extremely suitable for hydraulic systems with a higher risk for water contamination (bridges, locks and on board ships). The emulsified water has no negative effects on the filterability and the corrosion protection. Due to the high viscosity index, **AIMOL Hydrotech HVLPD** is suitable for heavily loaded hydraulic systems operating under strongly fluctuating temperatures. **AIMOL Hydrotech HVLPD** can be used in systems with bronze or silver plated components. Because of the thermal and oxidation stability, the product will preserve its high quality, even under extreme loads.

NB: When changing from a zinc-based hydraulic or engine oil to **AIMOL Hydrotech HVLPD** the system should be flushed and cleaned prior to filling the system.

PERFORMANCE LEVELS

AIMOL Hydrotech HVLPD meets and exceeds the following performance levels/specifications:

- DIN 51524 part 3 (HVLPD) (except demulsification)
- Hagglunds
- Denison
- Vickers I-286-S/I-2952-S
- Cincinati Milacron

TYPICAL FIGURES

ISO-VG Grade	**46**
Density @ 20 °C kg/m3	0.861
Flashpoint (COC), °C	217
Viscosity Index	154
Viscosity @ 40 °C, mm2/s	47.5
Viscosity @ 100 °C, mm2/s	8.4
Pour point, °C	-36
Copper corrosion, 3h at 100^0C ASTM D 130	1a
FZG, failure stage FZG A/8.3/90	12
Oxidation stability, h ASTM D943	2000
TAN,mg KOH/g ASTM D 664	0.3
Sulfate ash, % ASTM D874	0

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HEALTH AND SAFETY

AIMOL Hydrotech HVLPD has no adverse health effects provided it is used as directed.

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

DISCLAIMER

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.