

HYDRO FORCE HLP ISO - 46



Description

BENZOL® HLP Hydraulic Oil is a conventional hydraulic oil, formulated with high quality mineral oil and antiwear additives to offer solid hydraulic performance in a wide range of applications. Benzol oil provide superior anti-wear protection, excellent oxidation and thermal stability, outstanding hydraulic stability and good demulsibility.



Applications

BENZOL® HLP oil is recommended as a fluid media in hydraulic systems, operating under extremely severe conditions. These oils are recommended for sophisticated high performance electro-hydraulic or numerically controlled systems.

Specifications and Approvals

DIN 51524 Part 2, Eaton I-286S, M-2950S, M-2952S, Denison HF0/HF1/HF2, AFNOR NFE 48-603(HM), ISO 6743/4 HM, ISO 11158 HM, Bosch Rexroth 07 075 for vane, piston & gears.

Technical Specifications

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L 1.5
Density @ 15 °C, kg/L	D-1298	0.8710
Viscosity @ 100 °C, cSt	D-445	6.8
Viscosity @ 40 °C, cSt	D-445	46
Viscosity index	D-2270	101
Flash Point, °C (COC)	D-92	228
Pour Point, °C	D-97	-24
Foam SEQ.I/II/III	D-892	0/0/0

Performance Benefits

- Reduction in inventory is possible as these can be used for various applications.
- Maintains effective leakage control.
- Excellent thermal and oxidation stability.
- Efficient foam suppression aids consistent system responsiveness, sensitivity, and protection.
- The wear of moving parts is reduced.
- Provide sludge free high temperature performance.

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

