

DIMAHID HLP 46-68 EP

DESCRIPTION

Lubricant for hydraulic systems that operate at high pressures and require excellent EP and anti-wear characteristics.

- ❖ Resistance to oxidation, aging and sludge formation
- ❖ High viscosity index
- ❖ Gasket compatible
- ❖ Good anti-foaming properties
- ❖ High resistance to oxidation and aging, prolonging the oil change interval
- ❖ Excellent anti-wear properties
- ❖ Maximum demulsibility with water
- ❖ High deaeration capacity
- ❖ Excellent defoaming power
- ❖ Excellent filtering capacity

PHYSICO-CHEMICAL PROPERTIES

TYPE OF ANALYSIS	METHOD	RESULTS	
ISO VG Grade	ISO 3448	46 EP	68 EP
Viscosity at 40°C, cst	ASTM D-445	41.4-50.6	61,2-74,8
Density 15°C	ASTM D-1298	0,865-0,880	0,875-0,895
Min. Viscosity Index	ASTM D-2270	100	97
Freezing Point, °C	ASTM D-97	-27°C	-21°C
Flash Point min, °C	ASTM D-92	>230°C	>240°C
Cu corrosion test, 3h 100°C	ASTM D130	1A	1A
Foams Sec. I, II, III training, mL	ASTM D892	50/65/50	50/65/50
Foams Sec. I, II, III stability, mL	ASTM D892	0/0/0	0/0/0

USE

Hydraulic systems operating under high pressure and/or temperature conditions.

- ❖ Piston, vane or gear pumps working at high pressure.

- ❖ *Sensitive hydraulic circuits requiring perfect fluid filterability (with high-precision servo valves)*
- ❖ *Lubrication of circuits with the presence of accidental water: machine tools or the agri-food, paper or steel industry*

Any application where anti-wear and high oil performance are necessary

SPECS

*DIN 51524 PART 2 (HLP)
ISO 6743/4 (HM)
DIN 51517/2
ISO 11158 (HM)
ISO VG 46/68
Denison HF-0/HF-1/HF-2
AFNOR NF E 48-603 (HL, HM)
AFNOR NF E 48-603 HV
FILTRABILITY ISO (Dry&Wet)*

PRESENTATION

Available Packaging 5L, 25L, 60L, 204L y 1000L