



GOLD HYDRO LUBE HLP 22, 32, 46 & 68 (Hydraulic Oil)

GOLD HYDRO LUBE HLP series are premium quality hydraulic oils with anti-wear properties for use in hydraulic systems at both high and low pressure in industrial applications and in heavy-duty machinery, particularly recommended for the lubrication of:

- ✓ pumps operating at high speed and high pressure, such as vane, gear and axial piston pumps
- ✓ Machine tools, hydraulic presses, injection molding machines and systems with mildly loaded gears and bearings, where hydraulic oils with anti-wear properties are required.

Performance standards:

GOLD HYDRO LUBE HLP meets the requirements of:

- DIN 51524, part 1 (HL)
- DIN 51524, part 2 (HLP)
- AFNOR NF E 48-603

PROPERTIES:-

- High operating performance
- Hydrolytic stability and filterability
- Thermal and oxidation stability
- Demulsibility and rust protection
- Anti-foam and anti-wear performance
- Good compatibility with sealing materials

GOLD HYDRO LUBE HLP SERIES

	<i>Test Properties</i>	<i>Test Method</i>	<i>ISO VG 22</i>	<i>ISO VG 32</i>	<i>ISO VG 46</i>	<i>ISO VG 68</i>
Typical Properties & Characteristics	Appearance	Visual	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
	Colour, Max	ASTM D 1500	0.5	0.5	0.5	0.5
	Density @ 29.5, °C, g/ml, Min	ASTM D 1298	0.82	0.825	0.83	0.84
	Viscosity, Kinematic 40 at°C, cSt	ASTM D 445	20 - 24	28 - 32	44 - 49	66 - 70
	Viscosity Index, Min	ASTM D 2270	100	100	100	100
	Pour Point, °C, Max	ASTM D 97	-21	-21	-15	-15
	Flash Point, COC, °C, Min	ASTM D 92	180	190	195	200
	Emulsion Characteristics, Minutes, Max	IS:3098 - 1983	40-37-3 (15)			

Packaging Options: GOLD HYDRO LUBE HLP series is offered in 20, 26, 50 & 210 Liter.

Health & Safety: See corresponding product MSDS

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