



POWER HYDROL HLP ANTIWEAR SPECIAL PURPOSE HYDRAULIC OILS

POWER HYDROL HLP oils are high performance premium grade hydraulic oils formulated from highly refined base oils with high performance additive package for excellent lubrication and anti-wear properties. Power Hydrol HLP also possess superior water separation and filterability characteristics

PERFORMANCE STANDARDS: BIS: 10522-1983 (Reaffirmed 2009) and
BIS: 11656-1986 (Reaffirmed 2007)
DIN 51524 Part 2
Vickers M-2950 S
Cincinnati Milacron P-68, P-69 & P-70
Meets Denison HF- 0 requirement
Approved by Bosch Rexroth

CHARACTERISTICS	POWER HYDROL HLP			
	32	46	68	100
ISO VG	32	46	68	100
Colour (ASTM)	1.5	2.5	3.0	3.5
Kinematic Viscosity @ 40°C, cSt	29-32	43-48	64-72	95-105
Viscosity Index, min.	105	105	105	100
Flash point, COC, °C, min.	200	204	210	210
Pour point, °C, max.	-6	-6	-6	-6
Rust Test (D-665)	Pass	Pass	Pass	Pass
Steel corrosion test- DIN 51585	(0-A)	(0-A)	(0-A)	(0-A)
FZG Niemann EP Test – Fail Stage	12	12	12	12

APPLICATION:

- Suitable for use in industrial machinery operating under critical conditions.
- Recommended for lubrication of screw compressors, vacuum pumps, mining machinery and machine tools where EP types of oils are required. These are specially recommended for sophisticated high performance electro-hydraulic or numerically controlled systems.
- Designed for use in most Industrial system, which requires high level of anti-wear protection.

PERFORMANCE BENEFITS:

- Excellent anti-wear performance reduces wear Protects systems using various metallurgy and reduces the cost of replacement of parts
- Good oxidation and thermal stability provides long oil & equipment life. Extends filter life
- Good water tolerance protects systems where small quantities of moisture are present. Readily separates larger quantity of water
- Excellent hydrolytic stability- leading to higher product life and consistence performance
- Provides superior long term protection against rust & corrosion
- Ensures overall problem free performance

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