



POWER HYDROL SUPERIOR ANTIWEAR HYDRAULIC OILS

POWER HYDROL oils are formulated from highly refined base stocks with selected anti-oxidant, anti-wear, anti-rust and anti-foam additive package. They are designed for systems where high level of anti wear protection is needed yet they are formulated to work where non –anti wear hydraulic oils are generally recommended.

PERFORMANCE STANDARDS: BIS: 10522 – 1983 (Reaffirmed 1993) and Vickers V-104C vane pump test
DIN – 51524 –Part II
The product range exceeds the performance standard limit of BIS 10522 for FZG Gear test

CHARACTERISTICS	POWER HYDROL				
	32	46	68	100	150
ISO VG	32	46	68	100	150
Colour (ASTM)	1.5	2.5	3.0	3.5	4.0
Kinematic Viscosity @ 40°C, cSt	29-34	43-48	64-72	95-105	145-155
Viscosity Index, min.	90	90	90	90	90
Flash point, COC, °C, min.	190	200	210	210	230
Pour point, °C, max.	-3	-3	-3	-3	-3
Rust Test (D-665)	Pass	Pass	Pass	Pass	Pass
FZG Gear fail stage	10	10	10	10	10

APPLICATION:

- Recommended as fluid media for hydraulic systems and hydraulic pumps in stationary as well as mobile equipments under moderate operating conditions.
- Recommended for circulation, splash, bath and ring oiling systems of both plain and anti-friction bearings, gears of industrial machinery, chain drives and crankcase lubrication.
- Not recommended for lubrication of turbines and equipments having white metal, silver or silver coated components.

PERFORMANCE BENEFITS:

- Offer superior anti wear properties compared to normal grades meeting the same IS specs
- Higher film strength results in exceptional equipment performance
- Good rust and corrosion protective properties, prevents internal hydraulic system corrosion. Reduces negative effects of moisture in systems
- Excellent oxidation resistance quality and good de-foaming properties provides longer oil & equipment life & also extends filter life

(Version # 1 April 14th 2008)

Disclaimer: APAR makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.