POWEROIL HYDROL
SUPERIOR ANTIWEAR HYDRAULIC OILS

POWEROIL HYDROL oils are formulated from highly refined base stocks with select 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, They also work well where non —anti wear hydraulic oils are generally recommended.

PERFORMANCE STANDARDS:

BIS: 10522 – 1983 (Reaffirmed 2014) and Vickers V-104C vane pump test
DIN – 51524 –Part 2
Exceed the performance standard limit of Denision HF-O, HF-1, HF-2
Exceeds performance limit of10522 for FZG Gear test

CHARACTERISTICS	POWEROIL HYDROL				
	32	**46**	**68**	**100**	**150**
ISO VG	32	46	68	100	150
Colour (ASTM)	1.5	2	2.5	3.5	4.0
Kinematic Viscosity @ 40°C, cSt	31	46	68	95	150
Viscosity Index, Min.	95	95	95	95	90
Flash point, COC, °C, Min.	190	200	210	210	230
Pour point, °C Max.	-9	-9	-9	-6	-6
Rust Test (D-665)	Pass	Pass	Pass	Pass	Pass
FZG gear failure load stage	10	10	10	10	10

The above properties are typical values and do not constitute specification of the product

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, hence preventing 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
- High demulsibility enabling entrained water to settle down quickly.