

POWEROIL HYDGEAR

ANTIWEAR GEAR & CIRCULATING OILS

POWEROIL HYDGEAR oils are formulated from highly refined base stocks with select premium additive package of anti-oxidant, anti-wear, anti -rust and anti-foam additives. They are designed for systems where high level of anti-wear & film strength is required. They provide maximum protection to gearboxes made from non-ferrous material.

PERFORMANCE STANDARDS:

BIS-8406-1993 (Reaffirmed 2016)

DIN – 51524 Part 1 and 2

DIN – 51517 Part 1 and 2

CHARACTERISTICS	POWEROIL HYDGEAR		
	220	320	460
ISO VG	220	320	460
Colour (ASTM)	5.0	5.0	5.0
Kinematic Viscosity @ 40°C, cSt	220	320	460
Viscosity Index, Min.	95	95	95
Flash point, COC, °C, Min.	230	230	260
Pour point, °C, Max.	-3	-3	-3
Rust test (D-665)	Pass	Pass	Pass
FZG Gear Fail Load stage	12	12	12

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

APPLICATION:

- Recommended for lubrication of enclosed gear-drives operating under non-critical conditions and gear units made from non-ferrous material.
- Recommended for use in continuous circulation and hydraulic systems required to have higher viscosity grades.
- Suitable for lubrication of anti-friction bearings of paper mill drier rolls, plastic film calendars, paper corrugators, coal pulverizer and various other ore and rock crushing machinery.
- Also recommended for lubrication of compressors, machine tools and chain drives.

PERFORMANCE BENEFITS:

- Good resistance to sludge formation and undesirable system deposits
- Superior anti- wear & high film strength characteristics thereby offering longer life to moving parts
- Excellent rust and corrosion protection characteristics
- Good de-foaming properties
- Longer oil drain interval and system clean-up period
- Excellent oxidation resistance characteristics