



### POWER HYDGEAR ANTIWEAR GEAR & CIRCULATING OILS

**POWER HYDGEAR** oils are formulated from highly refined base stocks with selected 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 needed. They provide maximum protection to gearboxes made from non-ferrous material.

**PERFORMANCE STANDARDS:** BIS-8406 -1993  
DIN – 51524 Part II

CHARACTERISTICS	POWER HYDGEAR		
	220	320	460
ISO VG	220	320	460
Colour (ASTM)	5.0	5.0	5.0
Kinematic Viscosity @ 40°C, cSt	210-230	315-350	440-500
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 Load stage Fail, Min	10	10	10

#### 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 systems.
- 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, hydraulic systems and chain drives.

#### PERFORMANCE BENEFITS:

- Good resistance to sludge formation and undesirable system deposits
- Superior anti- wear & high film strength characteristics offers 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

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