



# PRODUCT DATA SHEET

## GIANT HYDRAULIC

Anti-Rust, Anti-Oxidant, Anti-Wear Hydraulic Oil

### DESCRIPTION

GIANT HYDRAULIC is a high quality hydraulic oil specially developed for use in many hydraulic systems and equipment. The oil is formulated from refined hydrocracked base stocks treated with special additives providing good anti-rust, anti-oxidant and anti-wear properties.

GIANT HYDRAULIC has good demulsibility, thermal stability and anti-foam properties that provide a high degree of equipment protection. It also combines with good filterability and low pour points to allow operation under adverse conditions.

### PERFORMANCE STANDARDS

- DIN 51524, Part II & III
- Vickers M-2950-S (Mobile Equipment) & Vickers I-286-S (Industrial Equipment)
- US Steel 127, 136
- DENISON HF-2, HF-1, HF-0
- Cincinnati Milacron P-68, P-69 & P-70
- AFNOR NF E 48-603 (HM)

### BENEFITS

- Minimizes sludge and deposit formation.
- Performs excellent wear protection.
- Performs excellent filterability and tolerance to contamination.
- Good oxidation, rust and corrosion protection.
- Good antifoam to prevent oil saturation and system failure.
- Prolongs useful service life of the oil and reduces maintenance cost.

### TYPICAL APPLICATIONS

GIANT HYDRAULIC is recommended for use in most hydrodynamic power transmission systems, hydraulic controls and hydrostatic systems. It is also suitable for use as heavy-duty lubricant for bearings, reduction units etc., where operating conditions require special anti-wear properties. It is also suitable for use as circulating oil in general bearing lubrications.

### TYPICAL PROPERTIES

ISO VG	10	22	32	46	68
Density, kg/Litre @ 15°C	0.837	0.842	0.868	0.870	0.888
Appearance	B & C	B & C	B & C	B & C	B & C
Kinematic Viscosity, cSt @ 40°C	12.3	21.8	31.0	45.0	67.0
Kinematic Viscosity, cSt @ 100°C	3.2	4.5	5.6	7.2	9.3
Viscosity Index	125	122	120	118	115
Pour Point, °C	-30	-22	-21	-21	-18
Flash Point, °C	170	210	210	220	220