



GIANT HYDRAULIC HVI ZF

Premium Ashless, Environmentally Friendly Anti-Wear Hydraulic Oil

DESCRIPTION

GIANT HYDRAULIC HVI ZF is a premium ashless hydraulic oil which provides high performance in environmentally sensitive applications (i.e. forestry, logging); where watercourse or aquifer sensitivity exists or where legislation requires the use of ashless hydraulic oils. 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 HVI ZF has good demulsibility, high viscosity index to ensure excellent 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
- ISO 11158
- Eaton 35VQ25
- ASTM D6158
- SAE MS 1004
- Conestoga pump test ISO 20763
- Denison HF-0, HF-1, HF-2 and HF-06 with AO booster in vegetable base stocks
- Cincinnati Machine P-68, P-69 & P-70
- Bosch Rexroth RE 90220
- GM LS-2

BENEFITS

- No Compatibility Issue:
Compatible with zinc-based and other ashless hydraulic fluids, resulting in no miscibility problems in application.
- Excellent Oxidation Stability:
Capability to extend the oil drain interval resulting in reduced disposal costs. Potential to improve efficiency during the length of the oil drain
- Good Sludge & Particulate Control:
Improved filterability and consequently less downtime. Improved protection of critical components with tight tolerances, such as servo-valves and pumps
- Superior Wear Protection:
Delivering maximized equipment life and reduced maintenance costs
- Excellent Hydrolytic Stability:
Improved protection and extended life of yellow metal parts of the equipment

TYPICAL PROPERTIES

ISO VG	46	68
Density, kg/Litre @ 15°C	0.857	0.863
Appearance	B & C	B & C
Kinematic Viscosity, cSt @ 40°C	49.7	68.8
Kinematic Viscosity, cSt @ 100°C	8.5	11.2
Viscosity Index	148	154
Pour Point, °C	-26	-25
Flash Point, °C	218	220