

HVI Hydraulic Oil

ISO 15 & 32

Product Description

Anglomoil HVI Hydraulic Oil (ISO 15 or 32) are a supreme performance anti-wear hydraulic fluid for low and high operating temperatures. HVI 15 hydraulic fluid was designed especially for use in equipment operating at sub zero temperatures and systems operating under severe conditions where high levels of anti-wear and film strength protection are needed, HVI 15 has a pour point of less than -45°C.

Product Features & Benefits

HVI Hydraulic Oil **15 & 32** gives:

- **Wear and Sludge protection** to systems that must be started up at extremely low temperatures with a subsequent temperature increase during operation.
- **Anti-wear Performance and High Load Carrying Capacity**, gives better long term pump performance due to reduce pump wear.
- Long oil/filter life and optimum equipment protection reducing both maintenance costs and product disposal costs.
- **Hydrolytic Stability**, protects equipment from corrosion when water is present.
- **Thermal and Oxidative Stability**, reduces formation of sludge and varnish thereby reducing potential downtime.
- **Corrosion Protection**, inhibits rust and corrosion formation leading to extended equipment life and lower overall costs.
- **Low Foam**, reduced foaming tendencies reduce inadequate lubrication and potential pump damage.

Additional Information

Hydraulic oils encompass a wide range of industrial and commercial applications in which mechanical energy is converted to fluid energy and then to mechanical work. Three basic designs of pumps are used being piston, vane and gear pumps. The hydraulic oil is then used in the pumps to

- Transmit pressure and control the flow
- Minimize wear
- Reduce friction
- Provide cooling, rust and corrosion prevention
- Minimize deposits and contamination
- Maintain their initial characteristics and provide satisfactory service for long periods

HVI Hydraulic Oil 15 & 32 meets the needs of hydraulic equipment.

Typical Characteristics

	ISO 15	ISO 32		ISO 15	ISO 32
Viscosity @ 40°C	15.7 cSt	31.8	Density @ 20 °C	0.8434	0.864
Viscosity @ 100°C	4.1 cSt	6.4	Pour Point	<-45 °C	<-30
Viscosity Index	172	158			

Performance Levels

Bosch Rexroth RDE-90235	Fives Cincinnati P-68, P-69 & P-70
DIN 51524 Part 1 & 2	ISO 11158 HL & HM
Eaton Brochure 03-401-2010	Parker Denison HF-1, HF-2, HF-0
Eaton Lubricant Specification E-FDGN-TB002-E	

Master Item# 1711 & 1715
 Pack Size Availability: 20L, 200L

Last Updated: 8th March 2021