

### Product Description

Anglomoil HVI Hydraulic Oil is a supreme performance anti-wear hydraulic fluid designed for high temperatures. HVI hydraulic fluid was designed especially for use in equipment and systems operating under severe conditions where high levels of anti-wear and film strength protection are needed.

### Product Features & Benefits

HVI Hydraulic Oil gives:

- **Wear and Sludge protection** to hydraulic system components
- **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
- Excellent wear protection designed to promote longer pump life
- 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** meets the needs of hydraulic equipment.

### Typical Characteristics

	ISO 46	ISO 68	ISO 100
Viscosity @ 40°C	45.1 cSt	66.4 cSt	100.4 cSt
Viscosity @ 100°C	7.8 cSt	10.9 cSt	14.4 cSt
Viscosity Index	145	156	148
Density @ 20 °C	0.873	0.879	0.884

### 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# 1709, 1717 & 1719  
 Pack Size Availability: 20L, 200L, IBC=1000L

Last Updated: 8<sup>th</sup> March 2021