



**HYDRAULIC OIL**  
**32, 46, 68, 100, 220**

**PERFORMANCE PROFILE:**

VICKERS M-2950-S, 1-286-S3  
CINCINNATI MILACRON P-68, P-69 & P-70  
DENISON HF-O  
DIN 51524 Part II

**APPLICATION:** A top quality oil with high degree of wear protection designed with highly refined base stocks and well balanced additive package. Recommended for high pressure hydraulic systems used in all mobile and stationary equipments operating under severe working conditions. Also used for circulation system, compressor pump, bearing and gear lubrication where recommended.

**KEY FEATURES:**

- Extended oil life
- Enhanced thermal and hydrolytic stability
- Excellent demulsibility power and air release capability
- Outstanding filterability and good shear stability
- Exceptional resistance to foaming and oxidation
- Good resistance to wear, corrosion and rust.
- Good compatibility with seals and soft metals
- Good friction characteristics resulting in lower running temperature

**TECHINICAL DATA:**

CHARACTERISTICS	TEST METHOD	TYPICAL VALUE				
		32	46	68	100	220
Density at 15°C, Kg/L	ASTM D1298	0.875	0.88	0.882	0.884	0.89
Viscosity at 40°C, cSt	ASTM D445	32	46	68	100	200
Viscosity at 100°C, cSt	ASTM D445	5.4	6.8	8.8	11.4	19
Viscosity Index	ASTM D2270	102	102	102		105
Flash Point, COC, °C	ASTM D92	220	220	230	240	240
Pour Point, °C	ASTM D97	-18	-18	-18	-15	-15