PINNACLE RESOURCES, INC.

Technical Data Sheet

Moly Hydraulic Oil CHT (Green)

ISO Grades: 32, 46, 68, 100, 150, 220

Product Description

These premium quality anti-wear hydraulic oils are formulated for demanding industrial and mobile hydraulic systems. Designed with high-performance additive systems which also contains an oil soluble molybdenum additive, that sits on metal surfaces of hydraulic and compressor systems and deliver:

- Excellent wear protection for vane, gear, and piston pumps.
- Outstanding foam resistance and air release
- Good low-temperature fluidity and thermal stability
- High Dielectric strength in clean, dry conditions

Applications

Recommended for use in high-pressure hydraulic systems including vane, gear, and piston-type pumps. Compatible with systems requiring:

- DIN 51524 HLP
- Denison HF-0, Eaton-Vickers I-286-S, M-2950-S
- Cincinnati Lamb P-68, P-69, P-70
- GM LS-2, ISO 6743/4, ISO 11158, ASTM D-6158 (HM)
- Bosch Rexroth RDE-90235, AIST 127/126 (USS)
- AFNOR NF E-48-603, SEB 181222 ISO Grades 32-220

Typical Properties

Property	ISO 32	ISO 46	ISO 68	100	150	220
Gravity, API @ 60°F	30.0	29.0	28.7	28.3	28.0	27.0
Viscosity @ 40°C (cSt)	30.2	44.2	66.2	93.8	148.0	210.0
Viscosity @ 100°C (cSt)	5.2	6.5	8.5	10.6	14.0	18.0
Viscosity Index	100	98	95	95	94	94
Flash Point (COC) °F	405	425	445	460	465	475
Pour Point °F	-25	-20	-15	0	15	15
Oxidation Life, ASTM D-974	+3500	+3500	+3500	+3500	>3500	>3500
Demulsibility, ASTM D-1401 Mins to 3ml emulsion	20 Min	20 Min	20 Min	20 Min	20 Min	20 Min
Dielectric Strength (ASTM D-877)	30KV+	30KV+	30KV+	30KV+	30KV+	30KV+
Rust Test (ASTM D665A)	No Rust	No Rust	No Rust	No Rust	No Rust	No Rust

*The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.