



Industrial Oils
hyrax[®] HL



Description

Hyrax HL is a range of high quality anti Rust and Oxidation (R&O) type hydraulic fluids blended from high quality base stocks and selected additives system to provide excellent thermal and oxidation stability and excellent water separating characteristics. It is intended for use in hydraulic systems in industrial and mobile services which do not require anti-wear type lubricants.

Applications

Hyrax HL is recommended for use in hydraulic systems (mobile and stationary) where anti-wear type fluids are not required. Also suitable for use in plain and anti-friction bearings in electric motors, gear sets not requiring Extreme Pressure (EP) and air compressor operating below 140°C outlet temperature.

Benefits

- Superior oxidation resistance and thermal stability to resist oil degradation and thickening to prolong oil service life
- Possess good demulsibility properties, enabling ready separation of entrained water and prevent the formation of stable emulsions with the consequent loss of lubricating power
- Superior anti-rust property to protect against rusting of metal surfaces

Typical Characteristics

| Properties | Method | ISO VG 32 | ISO VG 46 | ISO VG 68 | ISO VG 100 |
|-------------------------|------------|-----------|-----------|-----------|------------|
| Density at 15°C, Kg/L | ASTM D4052 | 0.853 | 0.857 | 0.863 | 0.891 |
| Flash Point,°C | ASTM D92 | >190 | >210 | >210 | >210 |
| Pour Point,°C | ASTM D97 | -21 | -18 | -18 | -18 |
| Viscosity at 40°C, cSt | ASTM D445 | 32.0 | 46.0 | 68.0 | 100.0 |
| Viscosity at 100°C, cSt | ASTM D445 | 5.8 | 7.4 | 9.3 | 11.6 |
| Viscosity Index | ASTM D2270 | 125 | 124 | 114 | 104 |

Performance

- DIN 51524 Part 1 HL
- DIN 51517 CL
- Parker Denison HF-1A



Excellent water separating characteristics



Preventing stable emulsions of losing lubricating power



Excellent oxidation resistance and thermal stability to provide long service life



Superior anti-rust property to protect against rusting