

MAGNUM ISO 46 Hydraulic Oil manufactured from high-quality of virgin base oils combined with anti-wear additives and rust inhibitors, to provide high stable premium hydraulic fluids with quality reserve for excellent performance under severe operating conditions in mobile industrial service.

BENEFITS

- Meets and Exceeds the Requirements:
- Sperry Vickers, Demison HF-2, Lucas, AFNOR NFE 48-603, US Steel 127,130

PERFORMANCE LEVEL

- DIN 51524 Part III HVLP

QUALITY FEATURES

- Cleaner servo valves, less chances for sticking.
- Superior thermal stability, avoid the formation of sludge even at high temperatures.
- Superior filterability increases filter life.
- Multi-metal compatibility under wet and dry conditions.
- Good demusibility ensuring rapid water separation in the case of water getting into the circuit.
- Excellent protection against rust and corrosion insuring maximum equipment life.
- Rapid air release property minimizes chances of pump cavitation leading troubles for operations.

APPLICATION OF USE

MAGNUM ISO 46 Hydraulic Oil is recommended for all mobile and stationary hydraulic systems operating under severe conditions, it's also can be used in circulation, splash and ring oil Lubricant systems, and compressors where recommended.

TYPICAL TECHNICAL PROPERTIES

| Physical Characteristics | Test Method | Typical Value |
|------------------------------|------------------------|---------------|
| ISO Grade | Visual | ISO 46 |
| Appearance | | |
| Density @ 15 °C | ISO 12185, ASTM D-4052 | 0.833 |
| Kinematic Viscosity @ 40 °C | ISO 3104, ASTM D-445 | 44 |
| Kinematic Viscosity @ 100 °C | ISO 3104, ASTM D-445 | 7.8 |
| Viscosity Index | ISO 2909, ASTM D-2270 | 144 |
| Flash Point, PMCC | ISO 2719, ASTM D-93 | 213 |
| Pour Point | ISO 3016, ASTM D-97 | -35 |

Note: All figures may vary slightly.