

MAGNUM HYDRAULIC OIL ISO 46



BEBEFITS

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

SPECIFICATION

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.

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 demulsibility 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 Lubricants systems, and compressors where recommended.

TYPICAL TECHNICAL PROPERTIES

Physical Characteristics	Test Method	Typical Value
ISO Grade	Visual	ISO 46
Appearance		Bright & Clear
Density @ 15 °C, kg/L	ASTM D-1298	0.876
Kinematic Viscosity, cST		
AT 40 C cst	ASTM D-445	47
AT 100 C cst	ASTM D-445/8.4	
Viscosity Index	ASTM D-2270	160
Demulsibility @ 54 °C	ASTM 1401	19
Flash Point, COC, °C	ASTM D-92	218
Pour Point, °C	ASTM D-97	-36
TAN, mg KOH/g	ASTM D-974	0.35

Note: All figures may vary slightly.