

## MAG HYDEN AW ISO 46 HYDRAULIC OIL

**MAG HYDEN AW ISO 46** Hydraulic Oil manufactured from a 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 condition in mobile industrial service.

### Performance Level

DIN 51524 Part II HLP

### Meets and Exceeds the Requirements:

Sperry Vickers, Demison HF-2, Lucas, AFNOR NFE 48-603, US Steel 127,130

### Additional Quality Features

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

### Application Of Use

**MAG HYDEN AW ISO 46** Hydraulic Oil is recommended for all mobile and stationary hydraulic system operating under severe conditions, it's also can be used in circulation, splash and ring oil Lubricants system, compressors where recommended.

PHYSICAL CHARACTERISTICS	TEST METHOD	TYPICAL VALUE
ISO Grade	Visual	ISO 46
Appearance		Bright & Clear
Density @ 15 °C, kg/L	ASTM D-1298	0.882
Kinematic Viscosity, cSt		
AT 40 °C cSt	ASTM D-445	47
AT 100 °C cSt	ASTM D-445	6.74
Viscosity Index	ASTM D-2270	98
Demulsibility @ 54 °C, Minutes	ASTM 1401	25
Flash Point, COC, °C	ASTM D-92	238
Pour Point, °C	ASTM D-97	-21
TAN, mg KOH/g	ASTM D-974	0.3

Note: All figures may vary slightly.

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