

## MAXIFLUID 46 HV/SC

### DESCRIPTION:

A multi-grade hydraulic fluid formulated with highly refined paraffinic bases and state-of-the-art additives free of metal compounds (ash-free).

### PROPERTIES & ADVANTAGES:

- ✓ Excellent viscosity index, over 160, providing reduction variation in viscosity when faced with temperature changes.
- ✓ High multi-grade nature
- ✓ Excellent resistance to oxidation and ageing.
- ✓ High anti-oxidant and anti-wear protection of the lubricated elements.
- ✓ Excellent demulsification and deaeration.
- ✓ Minimal formation of sludge and deposits in circuits and solenoid valves.
- ✓ Minimal varnish formation, maintaining the cleanliness of the interior of the circuits and lubricated elements in an optimal state.
- ✓ Excellent filterability
- ✓ Compatible with commonly-used joints and seals.

### APPLICATIONS:

- ✓ Hydraulic systems and controls, presses, cranes, jibs, drives, injection moulding machines, machine tools, etc.
- ✓ Hydraulic transmissions.
- ✓ Hydraulic couplings.
- ✓ Hydraulic systems subjected to high temperatures and/or high pressures.
- ✓ Systems operating in large variations in ambient temperature.

### SPECIFICATIONS / QUALITY LEVEL:

DIN 51524 Parts 2 and 3 (HLP/HVLP)	ISO 11158 (HR / HV)
AFNOR NF E 48-603 HM / HV	ISO 6743/4 (HR / HV)
EATON VICKERS M-2952-S / EATON VICKERS I-286-S	DENISON HF-0, HF-1, HF-2
FIVES CINCINNATI P-70 (ISO 46)	NH 646

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
ISO grade	ISO 3448	46
Viscosity index, Min.	ASTM D-2270	160
Density at 15 °C, typical (kg/l)	ASTM D-1298	0.870
Pour point, max. (°C)	ASTM D-97	-30
Flash point COC, min. (°C)	ASTM D-92	210
Copper corrosion (3 hrs, 100 °C)	ASTM D-130	1b
Oxidation (time in hours for N.A. = 2)	ASTM D-943	> 2000
Aniline point, min. (°C)	ASTM D-611	90
Air release, minutes, max.	DIN 51381	5
Cleanliness grade	ISO 4406/87	16/14/11

*Note : These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to modify the indicated data without prior notice.*

### PACKAGING:

200L drum and 1000L IBC container.