

MAXIFLUID 46 FUTURE

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DESCRIPTION:

High quality mineral hydraulic fluid, formulated with highly refined paraffinic bases and latest generation additives, with an improved natural viscosity index.

Maintains optimum power transmission in any service condition, thanks to the stability of its viscosity under temperature changes (35% higher than that of conventional HM/HLP hydraulic fluids).

PROPERTIES AND ADVANTAGES:

- ✓ High resistance to oxidation and ageing.
- ✓ Maintains pressure in the circuit at high temperatures.
- ✓ Great antioxidant and anti-wear protection of the lubricated elements.
- ✓ Excellent de-emulsion and de-aeration.
- ✓ Minimal build-up of sludge and deposits.
- ✓ Excellent filterability and easy cold pumpability.
- ✓ Compatible with commonly used seals and oil seals.
- ✓ Protects the moving parts of the hydraulic pump and servo valves.

APPLICATIONS

- ✓ Hydraulic systems and controls, presses, cranes, booms, etc.
- ✓ Hydraulic transmissions.
- ✓ Hydraulic couplings.
- ✓ Hydraulic systems subjected to high temperatures and/or high pressures.

SPECIFICATIONS / QUALITY LEVEL

DIN 51524 / 2 (HLP)	ISO 11158 (HM)
DIN 51519	ISO 3448
BOSCH REXROTH RDE 90235	BOSCH REXROTH 90220
AFNOR NF E 48-603 HM	ISO 6743/4 (HM)
EATON VICKERS M-2950-S / EATON VICKERS I-286-S	SEB 181222
FIVES CINCINNATI P-70 (ISO-46)	CASE IH MS 1216
DENISON HF-0, HF-1, HF-2	NH 646
US STEEL 127 y 126	GM LS-02

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TECHNICAL DATA:

PHYSICOCHEMICAL PROPERTIES	STANDARD	VALUE
Colour	VISUAL	LIGHT GREEN
ISO Grade	ISO 3448	46
Viscosity at 40°C (cSt)	ASTM D-445	41.4 - 50.6
Viscosity at 100°C (cSt)	ASTM D-445	6.5-8.0
Viscosity Index	ASTM D-2270	130
Density at 15°C, Typical (kg/l)	ASTM D-1298	0.870
Freezing point (°C)	ASTM D-97	<-20
Flash point COC (°C)	ASTM D-92	>210
Copper corrosion (3 hours, 100°C)	ASTM D-130	1b
FZG, Stage	DIN 51354/2	12
Air release, minutes, Max.	DIN 51381	5

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 change the indicated data without prior notice.

By exhaustively selecting the raw materials used in the manufacture of the MAXIFLUID 46 FUTURE high-performance hydraulic fluid, OLIPES achieves up to 40% savings in energy consumption and CO₂ emissions compared to those that would be produced in the manufacture of conventional HM/HLP mineral hydraulic oils. This reinforces the excellent performance and protection properties that define our products and our company's commitment to reducing the carbon footprint and the environmental impact of our activity and that derived from the use of our products.

PRESENTATION:

20 L Cans, 200 L Drums and 1000 L Containers.