

LUBRICANTS FOR INDUSTRIAL USE

CEPSA FUNDICOL SYNT HFC

DESCRIPTION

HFC-type fire-resistant hydraulic fluid (water-glycol mixture).

PRODUCT APPLICATION

Recommended as a substitute for mineral hydraulic fluids in industrial hydraulic systems where there is a risk of fire:

- Hot-metal machinery.
- Hammers and hydraulic presses used for forging.
- Machinery and steering systems in the mining industry.
- All applications where a hydraulic fluid is required to work in areas where flames or heat are present.

PRODUCT PERFORMANCE

- The product's high water content offers a high safety margin against fire.
- Excellent anti-oxidant properties
- Compatible with the metals normally used in hydraulic systems.
- Excellent results in VICKERS pump wear tests.

REMARKS

- It is recommended to respect the conditions for operation specified by the manufacturer, in relation to the working temperature.
- Not to be used in systems containing magnesium alloys, as magnesium reacts with water.
- Water-glycol fluids are not compatible with conventional paint products.

SPECIFICATIONS

- ISO 6743/4 HFC
- ISO 12922 HFC
- VICKERS TEST (DIN EN ISO 20763)

TYPICAL CHARACTERISTICS

CHARACTERISTIC	STANDARD	CEPSA FUNDICOL SYNT HFC
ISO Grade	ISO-3448	46
Density 20 °C, kg/l	ASTM D1298	1.076
Freezing point, °C	ASTM D5950	-47
Viscosity at 40°C, cSt	ASTM D445	46
Foam Sequence II	ASTM D892	40 (0)
pH	ASTM D1287	10.40
Rust A/B	ASTM D665	Pass/Pass
Vickers pump, desg. mg	DIN 20763	<30
FZG A/8.3/60-90M	ISO 14635	8
Copper corrosion (3 h/100°C)	ASTM D130	1b

HEALTH & SAFETY AND ENVIRONMENT

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product in accordance with the applicable legislation.