INDUSTRY

LUBRICANTS FOR INDUSTRIAL USE

CEPSA FUNDICOL HFU

DESCRIPTION

Safety and fire-resistant hydraulic fluid formulated with biodegradable synthetic ester.

PRODUCT APPLICATIONS

• Any system that requires compliance with the most demanding fire resistance, purity and performance regulations (fire or heat areas).

• Especially recommended for:

- Forestry machinery.
- Continuous casting.
- Heat treatment furnaces.
- Hot lamination trains.
- Metal casting.

• Applications in hydraulic machinery for mining, welding, forging and extrusion presses, etc

PRODUCT PERFORMANCE

• Able to operate at high temperatures and pressures.

• Biodegradable fluid, does not generate problems of environmental pollution.

• Good stability against rusting and shearing.

• Low volatility. Fluid economy.

• Excellent wear resistance properties, both at medium and extreme pressures.

• Low tendency to form deposits.

• Easy maintenance. Long lifetime.

• Good compatibility with joints and ratchets. Polyurethane and natural rubbers are not recommended

SPECIFICATIONS

- ISO 6743/4 HFDU
- ISO 12922 HFDU

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA FUNDICOL HFU	
			ISO 46	ISO 68
Density at 20ºc	Kg/l	ASTM D-4052	0.91	0.92
Fire point v/a	ºC	ASTM D-92	>300	>300
Autoignition point	ºC	DIN 51794	>385	>385
Pour point	ºC	ASTM D-5950	<-30	<-30
Viscosity at 40ºc	cSt	ASTM D-445	46	68
Viscosity at 100ºc	cSt	ASTM D-445	9	13
Viscosity index	-	ASTM D-2270	>180	>190
Acid number	mgKOH/g	ASTM D-974	<1.2	<1.2
Cupper corrosion	-	ASTM D-130	1b	1b

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes.
These values may be modified without any prior warning.