Lubricants for industry.

HFDU Fundicol

Formulated with biodegradable synthetic ester, safety and fire-resistant hydraulic fluid.

Use

Recommended for use in any system where it is necessary to comply with the most demanding fire resistance, purity and performance standards, such as hydraulic mining machinery, welding machinery, forging and extrusion presses, etc.

Especially recommended in:

- Forest machinery.
- Continuous draining.
- Heat treatment furnaces.
- Hot-rolling trains.
- Metal casting.
- Hydraulic mining machinery, welding machinery, forging and extrusion presses, etc.

Benefits

- Operating capacity at high temperatures and pressures.
- Biodegradable fluid does not generate environmental contamination issues.
- Good oxidation and shearing stability.
- Low volatility. Fluid savings.
- Excellent anti-wear properties, both at medium and extreme pressure.
- Low tendency for deposit formation.
- Easy maintenance. Long service life.
- Good joint and seal compatibility. Polyurethane and natural rubbers are not recommended.

Specifications

- ISO 6743/4 HFC
- ISO 12922 HFC

Physical and chemical properties

Characteristic	Units	Method	HFDU Fundicol	
ISO Grade	-	ISO-3448	46	68
Density 20 °C	kg/l	ASTM D1298	0.91	0.92
Pour point	°C	ASTM D5950	>300	>300
Viscosity at 40 °C	cSt	ASTM D445	>385	>385
Foam Sequence II	-	ASTM D892	<-30	<-30
pH	-	ASTM D1287	46	68
Rust A/B	-	ASTM D665	9	13
Vickers pump	desg. mg	DIN 20763	>180	>190
FZG A/8.3/60-90M	-	ISO 14635	<1.2	<1.2
Copper corrosion (3h at 100°C)	-	ASTM D130	1b	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 as per applicable legislation.