

Hydransafe HFDU LC 168

Fire-resistant hydraulic fluid

APPLICATIONS

Hydraulic circuits.

Hydransafe HFDU LC 168 is a high performance fully synthetic ester type, fire-resistant hydraulic fluid.

Hydransafe HFDU LC 168 is designed for hydraulic equipment operating in possible fire risk areas such as in Continuous Casting Units and Hot Rolling Mills in Steel Industries, Undergrounds, Theaters. The product is suitable for operating temperatures up to 120° C.

Whereas Hydransafe HFDU LC 168 is compatible with mineral oil and ester type fluids, cleaning and flushing of the system is recommended to achieve optimal results.

ADVANTAGES

Excellent lubricity characteristics ensure a high reduction of friction, resulting in a long life of the equipment.

High flashpoint and auto-ignition temperatures.

Low pour point ensuring a good performance at low temperatures.

Very high natural viscosity index.

Good anti-corrosion and good anti-rust properties to ferrous and non-ferrous metals.

Good antioxidant performance allowing long service life.

The product is biodegradable and does not contain hazardous materials.

SPECIFICATIONS

EN ISO 12922

ISO 6743/4 HFDU

According to 7th Luxembourg report ISO 15029-1

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial advisor or downloaded at ms-sds.totalenergies.com

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Hydransafe HFDU LC 168
Appearance	-	Visual	Clear
Density at 15°C	kg/m ³	ASTM D4052	922
Viscosity at 40°C	mm ² /s	ASTM D445	68
Viscosity at 100°C	mm ² /s	ASTM D445	13
Viscosity index	-	ASTM D2270	196
Flash point	°C	ASTM D92	298
Pour point	°C	ASTM D97	-33
TAN	mgKOH/g	ASTM D664	0.85

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