

HYDRANSAFE HFDU LC 168



Lubrication



Fire resistant hydraulic fluid.

APPLICATIONS

Hydraulic fluid

- **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.

SPECIFICATIONS

International Specifications

- ISO 6743/4 HFDU
- DMT (Germany), spray test
- According 7 th Luxembourg Report ISO 15029 - 1

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 anti – oxidant performance allowing long service life.
- The product is biodegradable and does not contain hazardous materials.

TYPICAL CHARACTERISTICS	METHODS	UNITS	HYDRANSAFE HFDU LC 168
Appearance	Visual	-	Clear
Density at 20 °C	ASTM D 4052	kg/m ³	922
Viscosity at 40°C	ASTM D 445	mm ² /s	68
Viscosity at 100°C	ASTM D 445	mm ² /s	13
Viscosity index	ASTM D 2270	-	196
Flash point COC	ASTM D 92	°C	298
Pour point	ASTM D 97	°C	- 33
Neutralization number	ASTM D 664	mgKOH/g	0.85

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

19 may 2001

HYDRANSAFE HFDU LC 168

1/1

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 adviser or down loaded from

www.quick-fds.com.

