

Description

The product Telex Vulcano is a fire-resistant hydraulic fluid formulated from ester bases which can be classified as an HFDU fluid under the ISO 6743/4 standard. It is a fluid intended mainly for replacing mineral hydraulic oils in systems with high fire risk.

This fluid is synthetic and completely water-free, and complies with the tests stipulated in the 7th Luxembourg Protocol. It is intended mainly for hydraulic systems exposed to fire risk, such as some applications of the metallurgy industry.

Properties

- Excellent anti-wear protection and lubricity.
- Very good filterability.
- High viscosity index.
- Fire-resistant fluid.

Quality levels

- ISO 6743/4 – HFDU
- 7th Luxembourg Protocol

Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			68
Viscosity at 40 °C	cSt	ASTM D 445	68
Viscosity index		ASTM D 2270	185
Flash point, V/A	°C	ASTM D 92	326
Point of combustion	°C	ASTM D 92	378
Pour point	°C	ASTM D 97	-18
Four-ball, diam. Scar at 40 kg	mm	ASTM D 4172	0.47
Rust, method A		ASTM D 665	Pass
Spray ignition test		ISO 15029-1	Pass
Flame spread		ISO 14935	Pass
TOST dry	h	ASTM D 943	520

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 2 October 2013.