

## 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, approvals and recommendations

- ISO 6743/4 – HFDU
- 7th Luxembourg Protocol
- Manuli Hydraulics\*

\* Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			<b>68</b>
Viscosity at 40 °C	cSt	ASTM D 445	68
Viscosity index		ASTM D 2270	185
Flash point, V/A	°C	ASTM D 92	326
Fire point	°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

The aforementioned characteristics are typical values and should not be considered product specifications.

A safety data sheet is available on request.

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