



Description

The product Maker Telex Vulcano 68 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

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

Quality levels, approvals and recommendations

- DANIELI STANDARD N. 0.000.001 - REV.15 (68)*
- ISO ISO: 6743/4 HFDU

- Luxembourg Protocol 7th
 - MANULI Hydraulics (68)*
- *Formal approval

Technical specifications

	UNIT	METHOD	VALUE	
ISO Viscosity Grade			68	46
Kinematic viscosity at 40 °C	cSt	ASTM D445	68	46
Viscosity index	-	ASTM D2270	185	191
Fire point	°C	ASTM D92	378	372
Flash point, open cup	°C	ASTM D92	326	318
Pour point	°C	ASTM D97	-18	-39
4 Ball wear, print diameter (40 kg)	mm	ASTM D2266	0,47	0,36
Flame spread	-	ISO 14935	Pass	Pass
Rust, method A	-	ASTM D665	Pass	Pass
Spray ignition test	-	ISO 15029-1	Pass	Pass
TOST dry	h	ASTM D943	520	264

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