

STRUB Vulcosafe HL 702

Flame retardant hydraulic fluid

Art.-No. 30167

Description

Flame retardant, environmentally friendly hydraulic fluid based on water-glycol.

Application

For hydraulic systems, if there is a fire hazard due to heat or ignition sources in the vicinity, e.g. foundry / press shop. We recommend having the HFC fluids sporadically analyzed in our laboratory. This allows any water losses to be detected and corrected.

Features and advantages

- excellent corrosion protection properties, very favorable viscosity temperature behavior
- very good lubricity, therefore best suited in systems with vane and gear pumps. STRUB Vulcosafe HL 702 is mineral oil free
- miscible and compatible with hydraulic fluids of the same type
- the hydraulic systems should not have an internal coating
- high viscosity index, therefore highest temperature range
- very low pour point
- excellent lubrication and therefore extended service life of pumps or aggregates

Specifications

Type HFC according to marking of DIN standard 51502
ISO 6743/4

Technical data

| | | |
|-----------------------|--------------------|-------|
| Color *red on request | | blue |
| Density at 15°C | | 1.070 |
| Viscosity at 40°C | mm ² /s | 42 |
| Viscosity at 20°C | mm ² /s | 82 |
| Viscosity index | | > 150 |
| Flash point | °C | no |
| Pour point | °C | - 48 |
| pH value | | 9.5 |
| Specific heat at 20°C | KJ/kgK | 3.1 |

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 13 01 13

Note

Not miscible with mineral oil, ester based fluids.

Seal materials: A C M, Viton (F K M) and Silion rubber (M F Q).

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.