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COSMOLUBRIC HF 122

Data Sheet

SYNTHETIC FIRE RESISTANT HYDRAULIC FLUID

COSMOLUBRIC HF 122 is a mineral oil-free synthetic fluid and performs the following main characteristics are:

- Excellent thermic stability
- High viscosity index
- Good lubricant properties

It is classified as HFD U fire resistant fluids.

CHEMICAL-PHYSICAL CHARACTERISTICS

Appearance	limpid liquid
Colour	light pale yellow
Specific gravity at 15,5°C	0.920 ± 0.930
Viscosity at 40°C	46 ± 10% cSt
Viscosity at 100°C	10 ± 1% cSt
Viscosity index	190
Pour point	-25°C max.
Flash point	270°C
Punto di accensione	300°C

COSMOLUBRIC HF 122 is particularly suitable for all those systems carrying out severe operations and requiring an high performance and fire resistant hydraulic fluid, such as:

- Metallurgic industry
- Continuous casting systems
- Oleodynamic precise device
- Thermosetting systems
- Robots
- Hydraulic circuit for plastic materials injection
- foundry

COMPATIBILITY

Plastic materials :

COSMOLUBRIC HF 122 is compatible with the majority of commonly used elastomers.

Buna N, Viton, Teflon, silicone and polyurethane resins are completely compatible whilst butyl, ethylene, propylene and neoprene are marginally compatible.

Metals

COSMOLUBRIC HF 122 is compatible with all ferrous and non-ferrous metals. It also contains anti-corrosive additives for a better protection of the components in contact.

STORAGE

COSMOLUBRIC HF 122 maintains its chemical-physical and technical characteristics if stored in a sheltered place at temperatures ranging $-5^{\circ}\text{C}/+40^{\circ}\text{C}$ for a maximum period of twelve months.

HEALTH & SAFETY

No toxic or carcinogenic, teratogenic or mutagenic known materials are contained in COSMOLUBRIC HF 122 such as nitrosamines, phenols, polychlorinated diphenyl, heavy metals, polynuclear hydrocarbons.

For the handling of COSMOLUBRIC HF 122 pay normal care usually given to industrial products.

WASTE TREATMENT

COSMOLUBRIC HF 122 cannot be directly discharged. Follow national or local instructions.

I/06 APPROVAL: P.GHEZZI