

HYDRO TECH FG SERİSİ

HFD-U Type Fire Resistant Hydraulic System Fluid

Description

Hydro Tech FG Series is a polyol ester-based, water-free HFD-U type fire resistant hydraulic system fluid.

Applications

Hydro Tech FG Series is designed for heavy industry hydraulic systems with fire risk and where energy efficiency is critical. Hydro Tech FG Series are ready-to-use products and can be added directly to the system. Recommended continuous highest operating temperature is 70 °C.

Benefits

- Minimizes the risk of fire thanks to its high flash point and non-flammable structure.
- Provides high energy and work efficiency even at high temperatures thanks to its viscosity stability.
- Prolongs equipment life and increases work efficiency thanks to its high level of corrosion prevention.
- As it is filtered and filled after production, it ensures the protection of systems with servo valves and prevents failures and malfunctions.
- Causes no irritation on skin. Easy to add into the system.
- Preserves its viscosity stability throughout its lifetime.
- Highly resistant to oxidation, which makes it long-lasting.
- Has excellent corrosion resistance. Prevents the corrosive impact of the condensation in the system.
- Consistent with impermeability elements.

Typical Specifications*

ISO Viscosity Class		ISO VG 46	ISO VG 68
Density, 20°C, g/liter	ASTM D1298	0,913-0,928	0,910-0,935
Flash Point, COC, °C	ASTM D92	280 min	min 300
Viscosity, 40°C, mm ² /s	DIN 51562	41,4-50,6	61.2-74.8
Viscosity Index	DIN 51564	Min.185	Min.185
Pour Point, °C	ASTM D97	-40 max	-30 max
Total Acid Number mgKOH/g	ASTM D664	Max 2,6	Max 2,6
Demulsibility (54°C, 30dk)	ASTM D1401	40/40/0	40/37/3
Foaming (Seq. 1) ml	ASTM D892	50/0	50/0

* Values shown may differ between productions.

