

H F C 4 6

Fire Resistant Hydraulic Fluid (ISO 6743-4 HFC type)

Description

HFC 46 is a special hydraulic fluid based on a water-glycol principle.

Areas of Application

HFC 46 is recommended for applications requiring a high degree of lubricity and fire resistance. It meets the requirements of the fire resistance approval standards **7th Luxembourg Report and FM Global 6930**.

Characteristic features

- Improved anti-wear and load-carrying performance;
- Excellent fire resistance properties;
- Easily biodegradable;
- Great anti-rust and anti-corrosion protection;
- Excellent temperature range performance;
- With non-foaming additives

TYPICAL CHARACTERISTICS

PARAMETER	UNIT	TEST METHOD	HFC 46
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46
Kinematic Viscosity at 0°C	mm ² /s	ASTM D445	213
pH	1		9,4
Viscosity Index		ASTM D2270	263
Copper Strip Corrosion at 100°C/3h		ASTM D849	negative
Pour point	°C	ASTM D97	-40
Flash point, COC	°C	ASTM D92	none
4-Ball Wear 100 kP	mm		0,65

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