

FIREX 46

HYDRAULIC SAFETY FLUID
ISO-HFC CATEGORY

220058/08.10

Rev. 0

DESCRIPTION & APPLICATIONS

FIREX 46 is a water-glycol based fluid strongly recommended for all hydraulic units operating near heat sources or highly inflammable materials, in particular where there is a risk of accidental leakage of pressurised hydraulic fluid.

FIREX 46 satisfies safety requirements for the mining, steel, metalworking, plastics, and glass industries, for industrial furnace doors and pressurised molten metal moulding presses.

ADVANTAGES

- Has very high ignition resistance and does not propagate flame.
- Is shearproof, its high viscosity index preserving its properties throughout its service life.
- Anti foam.
- Fast air release
- Excellent anti-corrosion and anti-rust properties.

PERFORMANCES

Satisfies to the following specifications:

ISO 6743 HFC

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

FIREX 46

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
ISO VG	-	-	46
Specific gravity at 15°C	kg/m ³	NFT 60101	1050
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	46
Flash point	°C	NFT 60118	N/A
Pour point	°C	NFT 60105	-30
pH	-	NF T 90-008	9
4 Ball wear (1H, 40 Kg)	Ø mm	ASTM D2266	0,65
Water content, at least	%	-	45

The average values are given for information only.