

**REPSOL****Shanghai PingYiao Trading CO., Ltd.**

**REPSOL**
INDUSTRIAL*TELEX HFC*

Description

Telex HFC is a fire resistant hydraulic fluid based on a mixture of water and glycol. It is a fluid designed primarily to replace mineral oil hydraulic systems where there is a high risk of fire.

It has water content of around 37% and has been designed for use in the metallurgical industry which requires excellent lubricity and there are extreme operating conditions. The loss of water content can result in increased viscosity and would require the addition of deionised water to recover the properties.

Recommended uses

It is especially appropriate for hydraulic systems which, due to their characteristics or location, have a risk of fire and where the fluid does not exceed 60 °C. It is therefore a fluid of increased security in mines, the steel industry, industries of the manufacturing of parts (such as smelting) or for plastic deformation of parts such as forges or presses.

Qualities

Shanghai PingYiao Trading CO., Ltd.

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- Excellent lubricity
- Very good filterability
- Great stability to shearing
- Fire resistant fluid

Quality Level

- ISO 6743/4 – HFC
- ISO 12922 - HFC
- 7° Luxembourg Protocol

Technical Characteristics

	UNIT	METHOD	VALUE
ISO Grade			46
Density at 15°C	g/cm ³	ASTM D 4052	1,080
Viscosity at 40°C	cSt	ASTM D 445	46
Rust, method A		ASTM D 665	Pass
Flash Point	°C	ASTM D 97	-48
Copper corrosion 3 hours at 100°C		ASTM D 130	1b
4 Balls, mark diameter at 40 kg	mm	ASTM D 4172	0.95
Filterability		NFE 48692	1.06
Ignition test in spraying		ISO 15029-1	Pass
Persistence of flame		ISO 14935	Pass
Ignition in tube		CETOP RP 65 H	Pass

Available in

875 kg containers and 185 kg drums

Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be

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taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Do not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measure

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

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