# Mobil Pyrotec HFC 46

Mobil Industrial , Saudi Arabia

Fire-Resistant Hydraulic Fluid

## Product Description

Mobil Pyrotec HFC 46 is water glycol hydraulic fluid technology with improved fire resistance while protecting equipment under severe service conditions. It is designed particularly for hydraulic systems utilizing vane, gear and piston hydraulic pumps used in, for example, the steel, aluminum and die-casting industries. It is very shear stable offering enhanced corrosion resistance performance and seal compatibility, providing excellent pump lubrication which can help to extend equipment service life.

## Features and Benefits

Mobil Pyrotec HFC 46 has the following potential benefits:

- Inherent resistance to fire hazards
- Excellent anti-wear properties helping to extend component life
- Long fluid life due to high oxidation resistance
- FM approved as a fire resistant industrial fluid.

## Applications

Mobil Pyrotec HFC 46 is recommended for use in:

- Hydraulic systems utilizing vane, gear and piston hydraulic pumps
- Hydraulic and oil circulation systems operating in conditions subject to fire hazards

## Specifications and Approvals

| This product meets or exceeds the requirements of: |
|---|
| FM Global Approvals Class 6930 |
| ISO L-HFC (ISO 12922:2020) |

## Properties and Specifications

| Property | |
|---|---|
| Grade | ISO 46 |
| Appearance, AMS 1738 | Red |
| Copper Corrosion, 24 hrs @ 50C, Rating, ISO 2160 | 1B |
| Pour Point, °C, ASTM D97 | -50 |
| Viscosity @ 40 deg C, cSt, ASTM D445 | 46 |
| Viscosity Index, ASTM D2270 | 195 |

**Health and safety**

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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