

### Product Description

Mobil Hydrofluid HFC 46 A Red is a fire resistant, water-glycol based hydraulic fluid fully meeting the requirements of the 7th Luxembourg Report.

Its excellent performance in the Vickers V104-C Vane Pump Test demonstrates a high level of anti-wear protection and the product provides very good protection against rust and vapour phase corrosion.

### Benefits

Mobil Hydrofluid HFC 46 A Red offers the following benefits:

- Safer working conditions for people and plant by virtue of its outstanding fire-resistant properties
- Trouble-free operation and long machine life due to its excellent anti-wear properties, resulting in lower maintenance costs
- Very good protection against rust and vapour phase corrosion
- Very low pour point ensures good cold flow behaviour

### Application

Mobil Hydrofluid HFC 46 A Red is recommended for hydraulic systems which operate close to sources of ignition such as diecasting machines and hydraulic presses and in hydraulic pumps working under severe conditions, provided the equipment manufacturer's instructions are followed.

- It is particularly suitable for underground use in coal mining and has been approved by coal mining authorities in Germany.
- The recommended bulk oil operating temperature range is -20°C to +60°C.
- A minimum 10 micron filtration is recommended.
- Mobil Hydrofluid HFC 46 A Red is compatible with seals and hoses made from Perbunon and Viton.
- It is not compatible with typical type paints. Epoxy and phenolic resin based paints are suitable.
- Mobil Hydrofluid HFC 46 A Red should not be used in the presence of a steel/aluminium couple.
- Mobil Hydrofluid HFC 46 A Red should not be mixed with other types of fluids. While it is compatible with other water-glycol type products, admixture may detract from the properties of the Mobil product.
- Viscosity increase caused by water evaporation can be easily corrected by adding deionised water to the product.

## Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Typical Characteristics

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Hydrofluid HFC 46 A Red		
	Test Method	
ISO Viscosity Grade	ASTM D445	46
Viscosity, cSt at 20°C		97.5
Viscosity, cSt at 40°C		45.8
Specific Gravity	ASTM D1298	1.076
Pour Point, °C	ASTM D97	-36
Water Content, wt %	ASTM E203	50

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Due to continual product research and development, the information contained herein is subject to change without notice.

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