

# HYDRAULIC HFC 46

## FIRE RESISTANT HYDRAULIC FLUID - FRH

**BULWARK HYDRAULIC HFC** is a Water-Glycol based Fire-resistant Hydraulic Fluid containing glycol, high molecular weight polyglycol and superior additives. Its high-water content and additive properties help in minimizing accidental ignition possibilities and fire hazards when the fluid contacts with elevated temperature sources in hydraulic systems operating under severe and high-pressure conditions.

**BULWARK HYDRAULIC HFC 46** is most suitable in hydraulic systems operating under extreme conditions and environment that is subject to fire hazards in metallurgical (pressure die-casting machines, scale removal units, forging presses), glass production equipment and similar other industries.

### PERFORMANCE LEVEL\*

- ISO L-HFC (ISO 12922)
- HS-C DIN 51502

### KEY BENEFITS

- Inherent resistance to fire hazards
- Excellent anti-wear properties helping extend component life
- Long fluid life due to high oxidation resistance
- It has excellent heat transfer property, low pour point, antifoam performance that along with anti-wear component provide standard pump life in systems operating under pressure or overloaded conditions.

### TYPICAL CHARACTERISTICS\*\*

Properties	Test Methods	32
Density @ 15°C, Kg/m <sup>3</sup>	ASTM D4052	1.08
Kinematic Viscosity @ 40° C cSt	ASTM D7042	45.1
Pour Point °C (max)	ASTM D97	-50
pH	ASTM D1293	9.8
Copper Corrosion (24hrs @50° C)	ISO 2160	1b

\* Performance levels indicated may include licensed API specs or specs that our products meet or exceed under cover. Where outside

\*\* Typical Characteristics are typical values. Minor variations within the permissible tolerance limits may be expected on the final product.

### STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either Bulwark International UK Ltd or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. Please consult our local representative if you require any further information.

Bulwark International UK Ltd, 34 Woodland Road, Sawston, CB22 3DU, United Kingdom. info@bulwarkauto.co.uk