

# GOLDENSTONE® MHE-40

## Technical Data Sheet (TDS) HYDRAULIC OILS

### Description and Application

GOLDENSTONE® MHE-40 is fire resistant mineral hydraulic fluid. It is formulated from a special selection of high quality solvent refined and hydrotreated base stocks and a performance additive package ensuring high stability of the emulsion and very good oxidation and corrosion resistance and protection against friction wear and bacterial growth.

The 5% oil-in-water emulsion of the fireproof hydraulic fluid GOLDENSTONE® MHE-40 is recommended for use as working media in hydrostatic hydraulic systems and equipment operating in fire hazardous environment in coal & metal mining, timber and other industries calling for fireproof hydraulic fluids. This is a biostable product that is suitable for application in the temperature range from 5°C to 55°C.

### Benefits

- Ensure optimum cooling and lubrication
- Long service life
- Biostable
- Very good corrosion protection

### Specifications

ISO 12922	HFAE
-----------	------

### Typical Characteristics

Parameter	Test Method	Typical Value
Properties of the Concentrate		
- Appearance	Visual	Clear, brown fluid
- Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	42
- Density at 20°C, g/ml	EN ISO 3675	0.889
- Flash point, °C	EN ISO 2592	160
Properties of 5% water emulsion:		
- pH	ISO 4316	9.2
- Stability, %	BDS 14843	97
- Foaming, mm/s	BDS 14887	5/0
- Emulsification time, s	BDS 15014	140
- Ferrous metal corrosion	BDS 14912	Pass
- Copper corrosion	BDS 14912	Pass

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

### Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

[www.goldenstoneoils.com](http://www.goldenstoneoils.com)