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LUBRICANTS

## REMORA FRE 46

### Description

**REMORA FRE 46**, a fire resistant readily biodegradable hydraulic fluid blended with high quality polyol esters and performance additives to ensure high performance demands of most challenging work conditions. Specially developed to assure Factory Mutual (FM1) HFD-U conditions it is free from mineral oil, water and other types of incompatible synthetic fluids. Recommended for a multitude of applications such as rolling mills, furnaces continuous casting systems, forging, sintering and stamping presses, foundries, ingot conveyors, etc..

### Properties Advantages

- High flash point and auto-ignition temperatures to eliminate the risk of fire and provide a safer working environment
- High viscosity index to ensure efficiency at wide temperature range without losing properties.
- Excellent compatibility with seals and multicomponent epoxy coatings.
- Fully compatible and miscible with mineral oils and polyester type hydraulic fluids.
- Superior protection against rust and corrosion.
- High hydraulic stability and superior water separation provides much longer trouble-free working time.
- Highly bio-degradable (over 85% according to CEC-L-33T-82).
- Excellent lubrication properties for much longer-term work for equipment.
- Excellent water separation properties.
- Low volatility to minimize the risk of fire and oil consumption.

### Technical Properties

Property	Test Method	Typical Value
Appearance	Visual	C&B
Odor	-	Typical
Density at 15 °C, (g/cm <sup>3</sup> )	ASTM D 4052	0.917
Kinematic Viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D 445	49.9
Kinematic Viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D 445	9.9
Viscosity Index	ASTM D 2270	min.190
Flash Point (COC), °C	ASTM D 92	>310
Pour Point, °C	ASTM D 97	<-30

*\* The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modification is reserved.*

### Health & Safety

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet.

### Packaging

180 kg drum, 850 kg IBC.

\*Revision Date/No:05.12.2012/02