UNITED FIRE-RESISTANT HYDRAULIC OIL EFR

Product Description:

United Fire-Resistant Hydraulic Oil EFR is a Synthetic Polyol-ester based Hydraulic Fluid. It was developed for severe service in all hydraulic applications where a fire hazard exists and petroleum hydraulic oil would be potentially unsafe. United Fire-Resistant Hydraulic Oil EFR is excellent stability enable itself to prolong fire-resistant properties and resistance to the formation of sludge or deposits in prolonged service.

United Fire-Resistant Hydraulic Oil EFR does not contain water, mineral oil or phosphate that blended with high-quality special materials and carefully selected additives. It is a boutique of the hydraulic oil. It has a higher flash point than mineral oil-based hydraulic oil to reduce flame spread.

United Fire-Resistant Hydraulic Oil EFR is non-irritating, non-toxic to aquatic organisms, completely biodegradable, waste easy to handle. It is suitable for use in hydraulic equipment that requires environmental protection. Not only to ensure the environment-friendly but also affect the overall operation of the hydraulic system performance. It has a longer service life, excellent wear and lubricity with comparing mineral base stock hydraulic oil. Its high Viscosity Index and low pour point makes it suitable for application under both extreme warm and cold temperatures.

Applications / Benefits:

- □ High flash point, reduce flame spread.
- □ Completely biodegradable, waste easy to handle.
- □ Excellent wear, lubricity.
- □ Excellent Anti-rust ability gives sufficient protection
- □ High Viscosity Index for both extreme warm and cold temperatures

Typical Characteristics:

Test Description	Method	
ISO Viscosity Grade	-	**46**
Specific Gravity @ 15 ºC	ASTM D 4052	0.918
Flash Point, ºC	ASTM D 92	300
Copper Corrosion 100°C/121°C	ASTM D 130	1a
Rust Prevention Characteristics (distilled water, 24Hr)	ASTM D665	Pass
Demulsibility(54°C,min)	ASTM D1401	15

Specifications, Approvals & Recommendations:

- Meets the requirements of FM Approvals fire resistant fluid.

Product Data Sheet