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SL-FRHF-46

Synthetic Fire Resistant Hydraulic Fluid

SL-FRHF-46 Synthetic Fire Resistant Hydraulic Fluid is formulated to offer superior fire resistance and enhanced lubrication and protection. Unlike most water-soluble glycol-based formulations, SL-FRHF-46 has an exceptionally long oil life and offers superior pump protection and is compatible with most mineral oil hydraulic fluids.

SL-FRHF-46 offers exceptional oxidative stability, corrosion resistance and anti-wear properties make it particularly well-suited for applications where other fire-resistant fluid technologies are restricted.

ATTRIBUTES

- High flash point
- Superior pump protection
- Protects against wear, rust and corrosion
- Readily separates from water
- Oxidative stability
- High viscosity index
- Non-toxic/non-hazardous
- Inherently Biodegradable

TYPICAL LUBRICANT PROPERTIES

SL-FRHF-46 Grades	32	46	68	100
Viscosity cSt @ 40°C (D445)	38.6	49.8	69.9	100.0
Viscosity cSt @ 100°C (D445)	6.6	7.8	7.8	12.2
Viscosity Index	126	123	121	114
Flash Point °F (°C) (D92)	471 (244)	479 (248)	505 (263)	508 (264)
Auto-Ignition Point °F (°C)	745 (396)	755 (402)	755 (402)	758 (403)
Pour Point °F (°C) (D97)	-50 (-46)	-45 (-43)	-42 (-41)	-39 (-39)
Four Ball, 40 Kg, 1200 RPM, 167°F, 1 Hr, Scar Dia mm	.40	.40	.40	.40
Copper Corrosion (D130)	1a	1a	1a	1a
Rust Test (D665)	Pass	Pass	Pass	Pass
Pump Wear Test: Vickers mg	15	15	15	15
Pump Wear Test: Denison	Meets	Meets	Meets	Meets