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HYDRA-FR-S

Standard Fire Resistant Hydraulic Fluid

HYDRA-FR-S Fire Resistant Hydraulic Fluid is a synthetic formulation that offers enhanced lubrication, fire resistance, and wear protection. Unlike most water-soluble glycol-based formulations, HYDRA-FR-S has an exceptionally long oil life and offers superior pump protection. This formulation is also compatible with most mineral oil hydraulic fluids.

HYDRA-FR-S offers exceptional oxidative stability, corrosion resistance, and anti-wear properties, which typically other fire-resistance technologies lack. Also featured is a tackifier additive which enhances adhesion and cohesion, preventing dripping, splashing, and especially misting.

ATTRIBUTES:

- High flash point (479°F) and auto-ignition point (755°F)
- Superior pump protection
- Protects against wear, rust, and corrosion
- Readily separates from water
- Oxidative stability
- High viscosity index
- Tackifier to prevent misting
- Non-Toxic, Non-Hazardous
- Inherently biodegradable

LUBRICANT PROPERTIES:

▪ HYDRA-FR-S Grade	46
▪ Viscosity cSt @ 104°F	49.8
▪ Viscosity cSt @ 212°F	7.8
▪ Viscosity Index	123
▪ Flash Point °F/°C	479/248
▪ Auto-Ignition Point °F/°C	755/402
▪ Pour Point °F/°C	-45/-43
▪ Four Ball, 40 kg, 1200 RPM, 167°F, 1 hr, Scar Diameter mm	.40
▪ Copper Corrosion, 24 hr	1a
▪ Rust Test	Pass
▪ Pump Wear Test: Vickers mg	15
▪ Pump Wear Test: Denison	Meets