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## HYDRA-FR-PFG

### Premium Food Grade Fire Resistant Hydraulic Fluid

HYDRA-FR-PFG is a synthetic, high-performance, ester-based, fire resistant hydraulic fluid designed for use in moderate to severe duty applications. Enhanced oxidative stability ensures an exceptionally long fluid life even in the most extreme conditions and is readily biodegradable in accordance with OECD 301B. HYDRA-FR-PFG also meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570), and meets NSF requirements.

HYDRA-FR-PFG is our highest performing fluid for hydraulic applications requiring superior lubrication and fire resistance – offering exceptional oxidative stability, corrosion resistance, anti-wear properties, and long fluid life, which other fire-resistance technologies lack.

#### ATTRIBUTES:

- Very High flash point (569°F) and auto-ignition point (788°F)
- Extended fluid life
- Superior Pump Protection
- High viscosity index
- Excellent demulsibility and oxidative stability
- Excellent rust, corrosion, and wear protection
- Originates from FM approved base-stock
- Meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570)
- Meets NSF requirements
- Non-Toxic, Non-Hazardous
- More than 70% biodegradable

#### LUBRICANT PROPERTIES:

▪ HYDRA-FR-PFG Grade	46
▪ Viscosity cSt @ 104°F	49
▪ Viscosity cSt @ 212°F	9.4
▪ Viscosity Index	179
▪ Flash Point °F/°C	569/298
▪ Auto-Ignition Point °F/°C	788/420
▪ Pour Point °F/°C	-38/-38
▪ Four Ball, 40 kg, 1200 RPM, 167°F, 1 hr, Scar Diameter mm	.52
▪ FZG Pass Stage	12+