



7401 University Drive, Shreveport, LA 71105 - P: 318-779-0682 - F: 318-779-1762 - www.SLfi.net

SL-FRHF-46FG

Synthetic Fire Resistant Hydraulic Fluid - Food Grade

SL-FRHF-46FG is non-toxic and non-hazardous, biodegradable hydraulic fluid that gives an extra level of protection and operational efficiency in high- and low-temperature hydraulic applications. SL-FRHF-46FG meets H1 requirements for lubricants with incidental food contact (FDA 21 CFR 178.3570). Its 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

- Meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570)
- Protects against wear, rust and corrosion
- Readily separates from water
- Oxidative stability
- High viscosity index
- Controls carbon and varnish formation
- Low volatility
- Non-toxic/non-hazardous

TYPICAL LUBRICANT PROPERTIES

SL-FRHF-46FG Grades	22	32	46	68
Viscosity cSt @ 40°C	22.2	32.1	43	68.9
Viscosity cSt @ 100°C	4.3	5.5	6.8	7.3
Flash Point °F (°C)	391 (199)	395 (202)	451 (233)	469 (242)
Demulsibility, 130°F, 30 Min	40/40/0	40/40/0	40/40/0	40/40/0
Copper Corrosion, 24 Hr	1a	1a	1a	1a
Foam Sequence I, II, III	0/0/0	0/0/0	0/0/0	0/0/0
Rust Test (D665)	Pass	Pass	Pass	Pass
RPVOT, 25.4 PSI Drop, minutes	820	820	820	820