

ULTRAGREEN® FR 68

BIODEGRADABLE FIRE RESISTANT HYDRAULIC FLUID

Applications:

UltraGreen FR 68 fire resistant hydraulic fluid is a readily biodegradable, non-hazardous ISO 68 hydraulic oil for use in hydraulic systems where more fire resistant fluids are needed versus conventional mineral oil based products. UltraGreen FR 68 is based on ester technology and is a direct replacement for petroleum oil based hydraulic fluids.

Typical Industrial Applications:

- Hydraulic Systems
- Environmentally Sensitive Applications
- Gears
- Bearings
- Valves
- Circulating Oil
- Chains
- Air Line Lubricant

Performance Benefits:

- Fire resistant, high fire point
- Non-hazardous and Readily biodegradable

TYPICAL PROPERTIES	TEST METHOD	UltraGreen FR 68
ISO Grade	ASTM D2422	68
Viscosity @ 40°C,cSt	ASTM D445	68
Viscosity @ 100°C,cSt	ASTM D445	13.0
Flash Point, °C	ASTM D92	290
Fire Point, °C	ASTM D92	>325
Pour Point, °C	ASTM D97	<-21
Rust Prevention; Distilled water	ASTM D665A	Pass
Seawater	ASTM D665B	Pass
Demulsibility, oil/water/emulsion	ASTM D1401	40/40/0 (20)
Foaming Sequences I, II, III	ASTM D892	Pass
Biodegradability CEC L-33 T-82, %	---	94
Biodegradability Modified Sturm OECD 301B, %	ASTM D5864	>60
Four Ball Wear, mm	ASTM D4172	0.40
Hydraulic Pump Test	ASTM D2882	Pass
Specific Gravity	ASTM D1298	0.91

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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