



# PRODUCT DATA SHEET

## ANDEROL BIO GUARD FRHF 68



### High Performance Biodegradable Fire Resistant Hydraulic Fluid

#### ADVANTAGES/BENEFITS

- Biodegradable
- Fire Resistant with high fire point
- Ash-less and Silicon free
- Broad operating temperature range
- Environmentally friendly
- Extended lubrication cycles at all temperatures

#### COMPATIBILITY

The following seals, paints and plastics are recommended for use in contact with **ANDEROL**® synthetic lubricants. Materials not recommended are also shown. For more information on other materials see our 'Compatibility Guide'.

##### RECOMMENDED:

Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon, PBT

##### NOT RECOMMENDED:

Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS

#### APPLICATION

**ANDEROL BIO GUARD FRHF 68** Lubricant is highly recommended for hydraulic systems in high temperature environments that require a greater degree of fire resistance. This fluid is also suitable for applications where environmentally sensitive products are preferred (such as off-road construction vehicles, tunnel construction and machinery).

**ANDEROL BIO GUARD FRHF 68** is a high performance biodegradable fire resistant hydraulic fluid. This synthetic based fluid has been specifically designed to meet the most stringent industry requirements, including spray flammability. The formulation utilizes ash-less and silicon free additive technology.

**ANDEROL BIO GUARD FRHF 68** is fully compatible with mineral oils and polyol ester fluids.

**ANDEROL FRHF** range is available in the grades ISO VG 46 and 68.

PROPERTIES	TEST METHOD	ANDEROL BIO GUARD FRHF 68
ISO VG	ASTM D-2422	68
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	65
Viscosity Index	ASTM D-2270	183
Density @ 15°C, kg/l	ASTM D-1298	0.927
Total Acid Number, mg KOH/g	ASTM D-664	1.1
Flash Point, COC, °C	ASTM D-92	302
Pour Point, °C	ASTM D-97	-30
Demulsibility @ 54°C, min	ASTM D-1401	30
Auto-ignition temperature, °C	ASTM E-659	>460
Biodegradability	OECD 301 B	Ready biodegradability 79.9% (28d)

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

#### REGISTRATIONS



**ANDEROL**®  
Specialty Lubricants

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