

Anderol[®] Bioguard FRHF 46

Anderol[®] Industrial lubricants hydraulics

Description

High Performance Biodegradable Fire Resistant Hydraulic Fluid

Anderol[®] Bioguard FRHF 46 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[®] Bioguard FRHF 46 is fully compatible with mineral oils and polyol ester fluids.

Anderol[®] Bioguard FRHF range is available in the grades ISO VG 46 and 68.

Features and 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[®] Bioguard FRHF 46 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).



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Technical data*

PROPERTY	METHOD	ANDEROL BIOGUARD FRHF 46
ISO VG	ASTM D-2422	46
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	44.7
Viscosity Index	ASTM D-2270	193
Density @ 15°C, kg/l	ASTM D-1298	0.920
Total Acid Number, mg KOH/g	ASTM D-664	1.5
Flash Point, COC, °C	ASTM D-92	302
Pour Point, °C	ASTM D-97	-30
Demulsibility @ 54°C, min	ASTM D-1401	20
Auto-ignition temperature, °C	ASTM E-659	>420
Biodegradability	OECD 301 B	Ready biodegradability 79.9% (28d)

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] Bioguard FRHF 46**
For registrations, certificates and approvals please refer to anderol.com

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