

PROGILINE® SHF FG SERIES

Synthetic Food Grade Anti-Wear Hydraulic Fluid

Technical Data Sheet | January 2025

PROGILINE® SHF FG SERIES is formulated with the highest quality synthetic food grade base stocks and additive technology for hydraulic system applications requiring NSF H-1 compliant fluids for service.

PROGILINE® SHF FG SERIES meets 21CFR 178.3570 food grade compliance regulations and offers extended fluid service life by providing excellent thermal and oxidative stability when compared to mineral-based food grade hydraulic oils.

Meets Manufacturer's Specifications:

Denison HF-0, HF-1, HF-2

Vickers M-2950-S & I-286-S

Cincinnati Machine: P-68, P-69, P-70

Benefits

- Extended Fluid Service Life
- High Viscosity Index
- Excellent Anti-Wear Properties
- Outstanding Filterability
- Strong Thermal and Oxidative Stability
- Low Varnish and Sludge Tendencies
- Readily Separates From Water
- NSF H-1 Certified

TYPICAL PROPERTIES							
PROPERTY	TEST METHOD	15	22	32	46	68	100
VISCOSITY @ 40°C, cSt	ASTM D-445	16.5	22	32	46	68	100
VISCOSITY @ 100°C, cSt	ASTM D-445	3.8	4.7	6.1	7.7	10.5	13.6
VISCOSITY INDEX	ASTM D-2270	131	135	136	137	139	140
FLASH POINT, °C	ASTM D-93	224	227	238	256	262	263
POUR POINT, °C	ASTM D-97	-54	-52	-51	-46	-43	-41
COLOR	ASTM D-1500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
COPPER CORROSION	ASTM D-130	1A	1A	1A	1A	1A	1A
RUST TEST A&B	ASTM D-665	PASS	PASS	PASS	PASS	PASS	PASS
FOUR BALL WEAR @40 GKF @1200 rpm, @25°C	ASTM D-2783	0.38	0.36	0.36	0.36	0.36	0.34
DEMULSIBILITY (10 MIN)	ASTM D-1401	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
FOAM, SEQ I, SEQ II, SEQ III	ASTM D-892	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0

Handling

Please refer to the corresponding material safety data sheet for handling and blending precautions and maximum recommended temperatures.

Further Information

Please visit our website at www.shrieve.com or for further information on our complete range of products, including Health and Safety data, please contact us at info@shrieve.com

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