

OMNILUBE® FGH 2000 SERIES

SYNTHETIC MULTI-PURPOSE FOOD GRADE HYDRAULIC FLUIDS



Applications:

Omnilube FGH 2000 Series are fully synthetic fluids blended from premium polyalphaolefin (PAO) base oils with greatly improved wear, oxidation and lubricity over currently available H-1 food grade synthetic lubricants. These FDA approved premium hydraulic fluids were designed with a proprietary additive package and are designed as multi-purpose to include a wide variety of industrial applications as well as hydraulic systems. The 2000 Series offers higher performance than the 1000 Series.

Typical Industrial Applications:

- Hydraulic Systems
- Canning
- Gears
- Bearings
- Circulating Oil
- Chains
- Air Lines & Valves
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1) & (H-2)

Performance Benefits:

- Extended lubricant life
- Reduced varnish and deposit build-up
- Wide temperature range
- Substantial reduction in make-up oil due to low evaporation rate
- Increased oxidative stability
- High load anti-wear protection
- Meets FDA 21 CFR 172.3570 H-2 and FDA 21 CFR 172.878 H-1
- Deemed acceptable for use in Canada

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TYPICAL PROPERTIES	TEST METHOD	Omnilube FGH 2032	Omnilube FGH 2046	Omnilube FGH 2068	Omnilube FGH 2100	Omnilube FGH 2150
ISO Grade	ASTM D2422	32	46	68	100	150
Viscosity @ 40°C,cSt	ASTM D445	33	46	68	99	150
Viscosity @ 100°C,cSt	ASTM D445	6.5	7.9	10.2	13.2	17.6
Viscosity Index	ASTM D2270	156	143	137	132	129
Flash Point, °C/°F	ASTM D92	240/465	246/475	240/465	232/450	238/460
Pour Point, °C/°F	ASTM D97	-60/-76	-54/-65	-48/-55	-42/-44	-37/-35
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b
Foaming Sequence I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil
Falex Pin & "V" Block	ASTM D3233B	2250	2250	2250	2265	2265
Four ball wear-40Kg., 1200rpm, Scar Diameter	ASTM D4172	0.41 mm	0.41 mm	0.41 mm	0.41 mm	0.41 mm
Four Ball EP Weld Load, lb.	ASTM D2783	352	352	352	325	325
Timken OK Load	ASTM D2782	27.0	27.0	27.0	27.0	27.0
Specific Gravity	ASTM D1298	0.83	0.84	0.84	0.84	0.84

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



900 Centerpoint Blvd.
New Castle, DE 19720
P.....302-325-9880
F.....302-325-0335
info@ultracheminc.com