

OMNILUBE® FGH 1000 SERIES

SYNTHETIC MULTI-PURPOSE FOOD GRADE HYDRAULIC FLUIDS 

Applications:

Omnilube FGH 1000 Series are fully synthetic fluids blended from premium polyalphaolefin (PAO) base oils with superior additives that meet the requirements for demanding industrial hydraulic systems within the food industry. These NSF approved premium food grade hydraulic fluids are designed as multi-purpose to include a wide variety of industrial applications as well as hydraulic systems.

Typical Industrial Applications:

- Hydraulic Systems
- Compressors
- Vacuum pumps
- Canning
- Gears
- Bearings
- Valves
- Circulating Oil
- Chains
- Air Line Lubricant
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

Performance Benefits:

- Reduced varnish and deposit build-up
- Low evaporation rate
- Wide temperature range
- Substantial reduction in make-up oil.
- Anti-wear protection
- Excellent compatibility with elastomers, seals, plastics, and paints
- Complies with FDA 21 CFR 178.3570 H-1
- Deemed acceptable for use in Canada

OMNILUBE®

TYPICAL PROPERTIES	TEST METHOD	Omnilube FGH 1022	Omnilube FGH 1032	Omnilube FGH 1046	Omnilube FGH 1068	Omnilube FGH 1100	Omnilube FGH 1150
ISO Grade	ASTM D2422	22	32	46	68	100	150
Viscosity @ 40°C,cSt	ASTM D445	22	31.4	46.0	68.8	93.6	147
Viscosity @ 100°C,cSt	ASTM D445	4.5	5.6	7.9	10.5	12.9	17.6
Viscosity Index	ASTM D2270	116	117	127	141	136	132
Flash Point, °C/°F	ASTM D92	240/465	246/465	260/500	260/500	260/500	260/500
Pour Point, °C/°F	ASTM D97	-60/-76	-57/-71	-48/-55	-48/-55	-42/-44	-37/-35
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b	1b
Foaming Sequence I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil	Nil
Specific Gravity	ASTM D1298	0.82	0.82	0.83	0.84	0.84	0.85 03/10

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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