

OMNILUBE® FGG 1000 Series FOOD GRADE SYNTHETIC GEAR LUBRICANTS



Applications:

The Omnilube FGG series are fully synthetic food grade gear oils that are formulated from premium polyalphaolefins (PAO) base fluids. These NSF approved food grade gear oils are engineered to provide superior lubrication protection and include an extra additive to improve gasket and seal characteristics.

Typical Industrial Applications:

- Bearings
- Gear Sets
- Worm Gears
- Chains
- Circulating Oil
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

Performance Benefits:

- Very low pour point
- Wide operating temperature range
- Extended drain intervals / reduced oil disposal
- 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 FGG 1100 | Omnilube FGG 1150 | Omnilube FGG 1220 | Omnilube FGG 1320 | Omnilube FGG 1460 | Omnilube FGG 1680 |
|-----------------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ISO Grade | ASTM D2422 | 100 | 150 | 220 | 320 | 460 | 680 |
| SAE Grade | SAE J-300 | 30 | 40 | 50 | 60 | - | - |
| AGMA | | 3 | 4 | 5 | 6 | 7 | 8 |
| Viscosity @ 40°C,cSt | ASTM D445 | 93.6 | 147 | 225.1 | 319 | 461 | 683 |
| Viscosity @ 100°C,cSt | ASTM D445 | 12.9 | 17.6 | 23.4 | 30.5 | 39.1 | 52 |
| Viscosity Index | ASTM D2270 | 136 | 132 | 128 | 132 | 130 | 130 |
| Flash Point, °C/°F | ASTM D92 | 232/450 | 238/460 | 262/504 | 270/518 | 270/518 | 270/518 |
| Pour Point, °C/°F | ASTM D97 | -42/-44 | -37/-35 | -42/-44 | -40/-40 | -38/-38 | -34/-30 |
| 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 | 0.84 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |

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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