



OMNILUBE® WO 12, 22, 32, 46, 68, 100, 150, 220, and 320 FOOD GRADE HYDRAULIC FLUIDS

Applications:

The Omnilube WO series are food grade hydraulic fluids that are formulated with USP grade white oils. These NSF approved food grade hydraulic fluids are engineered to meet the demanding requirements of severe hydraulic systems using high pressure and high output pumps.

Typical Industrial Applications:

- Hydraulic Systems
- Hydraulic Systems containing gears and bearings
- Gears
- Bearings
- Compressors
- Vacuum Pumps
- Slide Ways & Chains
- Wipe Down Oil
- Air Lines
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

OMNILUBE®

Performance Benefits:

- Excellent compatibility with elastomers, seals, plastics, and paints
- Complies with FDA 21 CFR 178.3570 H-1

| TYPICAL PROPERTIES | TEST METHOD | Omnilube WO 12 | Omnilube WO 22 | Omnilube WO 32 | Omnilube WO 46 | Omnilube WO 68 |
|-----------------------|-------------|----------------|----------------|----------------|----------------|----------------|
| ISO Grade | ASTM D2422 | 10 | 22 | 32 | 46 | 68 |
| SAE Grade | SAE J-300 | --- | --- | 10W | 20 | 20 |
| Viscosity @ 40°C,cSt | ASTM D445 | 12.0 | 20.8 | 34.0 | 47.3 | 71.0 |
| Viscosity @ 100°C,cSt | ASTM D445 | 3.0 | 4.2 | 5.8 | 7.2 | 9.2 |
| Viscosity Index | ASTM D2270 | 104 | 106 | 112 | 112 | 106 |
| Flash Point, °C/°F | ASTM D92 | 180/356 | 210/410 | 215/420 | 232/450 | 260/500 |
| Pour Point, °C/°F | ASTM D97 | -45/-49 | -45/49 | -41/-41 | -35/-31 | -33/-27 |
| Copper Corrosion | ASTM D130 | 1a | 1a | 1a | 1a | 1a |
| Evaporation Loss, % | ASTM D972 | 1.4 | 1.4 | 1.4 | 1.2 | 1.0 |
| Specific Gravity | ASTM D1298 | 0.83 | 0.87 | 0.86 | 0.88 | 0.87 |

03/12

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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FOOD GRADE HYDRAULIC FLUIDS

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| TYPICAL PROPERTIES | Omnilube WO 100 | Omnilube WO 150 | Omnilube WO 220 | Omnilube WO 320 |
|-----------------------|--------------------|--------------------|--------------------|--------------------|
| ISO Grade | 100 | 150 | 220 | 320 |
| SAE Grade | 30 | 40 | 50 | 60 |
| Viscosity @ 40°C,cSt | 103 | 154 | 222 | 325 |
| Viscosity @ 100°C,cSt | 11.8 | 14.7 | 19.3 | 25.0 |
| Viscosity Index | 104 | 93 | 98 | 99 |
| Flash Point, °C/°F | 263/505 | 263/505 | 263/505 | 263/505 |
| Pour Point, °C/°F | -31/-24 | -29/-20 | -33/-27 | -31/-24 |
| Copper Corrosion | 1a | 1a | 1a | 1a |
| Evaporation Loss, % | 0.9 | 0.9 | 0.9 | 0.9 |
| Specific Gravity | 0.88 | 0.89 | 0.87 | 0.87 |

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