



## OMNILUBE<sup>®</sup> 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)

### 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

#### 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](mailto:info@ultracheminc.com)



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## OMNILUBE<sup>®</sup> WO 12, 22, 32, 46, 68, 100, 150, 220 and 320 FOOD GRADE HYDRAULIC FLUIDS

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

**OMNILUBE**

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