

## OMNILUBE® 32/46, 68, and 455 LONG-LIFE FOOD GRADE COMPRESSOR OILS



### Applications:

Omnilube 32/46, 68, and 455 are fully synthetic compressor oils formulated from the highest quality polyalphaolefin (PAO) base oils with a superior proprietary additive package to achieve long life. These long life compressor lubricants provide significantly improved wear, oxidation and lubricity over the currently available H-1 food grade synthetic oils allowing the service life to increase by 50% to 100%.

Dependent upon the rotary screw design Omnilube 32/46 and 68 are able to give a service life of up to 8,000 service hours in good operating conditions. Omnilube 455 is designed for reciprocating compressors.

### Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Reciprocating Compressors
- Centrifugal Compressors
- Vacuum Pumps
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

### Performance Benefits:

- Outstanding wear and lubricity properties
- Less varnish formation
- Low pour point & high flash point
- Good corrosion protection
- Increase oxidative stability
- 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 32/46	Omnilube 68	Chemlube 455
ISO Grade	ASTM D2422	32/46	68	100
Viscosity @ 40°C,cSt	ASTM D445	42.0	59.7	98.7
Viscosity @ 100°C,cSt	ASTM D445	7.6	9.8	14.0
Viscosity Index	ASTM D2270	150	150	145
Flash Point, °C/°F	ASTM D92	254/490	240/464	240/464
Pour Point, °C/°F	ASTM D97	-50/-58	-50/-58	-50/-58
Foaming Sequence, I, II, III	ASTM D892	0/0/0	---	---
Evaporation, %	ASTM D972	1.0	1.0	1.0
RPVOT, min.	ASTM D2272	3210	---	2873
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	0.38	---	0.42
Falex EP, lbs.	ASTM D3233B	2315	---	2250
Specific Gravity	ASTM D1298	0.85	0.87	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](mailto:info@ultracheminc.com)

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