

### 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	Omnilube 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	261/501	261/501	260/500
Pour Point, °C/°F	ASTM D97	-50/-58	-47/-53	-40/-40
Foaming Sequence, I, II, III	ASTM D892	< 20/0	< 20/0	< 20/0
Evaporation, %	ASTM D972	< 0.50	< 0.50	< 0.50
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	< 0.45	< 0.45	< 0.45
Specific Gravity	ASTM D4052	0.85	0.87	0.85

#### HEALTH & SAFETY

To obtain an SDS 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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