

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

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	275/526
Pour Point, °C/°F	ASTM D97	-50/-58	-47/-53	-44/-48
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

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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



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