



# HIGH PRESSURE COMPRESSION LUBRICANTS

Premium Synthetic Lubricants for High Pressure  
Compression Applications



**ULTRACHEM INC**  
PREMIUM SYNTHETIC LUBRICANTS

## Chemlube® Diester Compressor Series: Synthetic compressor lubricant (Diester)

Chemlube diester-based compressor lubricants are fully synthetic compressor oils specially formulated with premium synthetic ester base fluids for use in a wide variety of compression applications. Chemlube 501 and 751 are designed for reciprocating compressors and are recommended for high pressure air compression. They will resist carbon deposit formation and show excellent thermal and oxidative stability in high pressure/high temperature situations over that of mineral-based or standard PAO compressor lubricants. Chemlube 822 is a higher viscosity version of 751.

PRODUCT	ISO GRADE	VISCOSITY@ 40°C/100°C	VISCOSITY INDEX	FLASH POINT °C/°F	POUR POINT °C/°F	SPECIFIC GRAVITY
Chemlube 501	100	99/10.2	83	260/500	-29/-30	0.95
Chemlube 751	150	146.5/13.3	90	271/520	-34/-30	0.94
Chemlube 822	220	222/18.6	92	260/500	-34/-30	0.92

## Chemlube® 800: Premium synthetic compressor lubricant (Triester)

Chemlube 800 is high viscosity synthetic oil based on the latest synthetic technology. Using a highly stable triester base fluid, Chemlube 800 is designed for use in reciprocating compressors under adverse conditions of high temperature and high pressure. Chemlube 800 has excellent demulsibility characteristics and shows extremely low volatility in high pressure applications.

Chemlube 800 has OEM approval for use in **Bauer®** high pressure compressors.

PRODUCT	ISO GRADE	VISCOSITY@ 40°C/100°C	VISCOSITY INDEX	FLASH POINT °C/°F	POUR POINT °C/°F	SPECIFIC GRAVITY
Chemlube 800	150	141.5/12.8	79	279/535	-29/-20	0.97

## Chemlube® N320: Synthetic compressor lubricant (Diester)

Chemlube N320 is a high viscosity special formulation designed for use in high pressure compression applications that are also under the highest of adverse temperature demands. Using a high performance ester base fluid, Chemlube N320 will resist oxidative and thermal breakdown along with deposit formation when vast amounts of generated heat due to compression and ambient conditions are a concern.

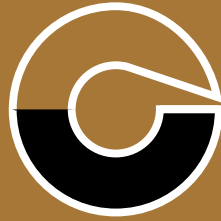
PRODUCT	ISO GRADE	VISCOSITY@ 40°C/100°C	VISCOSITY INDEX	FLASH POINT °C/°F	POUR POINT °C/°F	SPECIFIC GRAVITY
Chemlube N320	320	328/25.5	101	282/540	-29/-20	0.97

## Omnilube® 455: Food grade synthetic compressor lubricant (Synthetic Blend)

Omnilube 455 is an ISO 100 H-1 premium quality oil designed for use in high pressure air systems. The unique additive system, never before used in this application, is the best possible for preventing wear and carbon residue buildup. Omnilube 455 is suitable for use in reciprocating compressors operating on up to 40% oxygen enriched air.

PRODUCT	ISO GRADE	VISCOSITY@ 40°C/100°C	VISCOSITY INDEX	FLASH POINT °C/°F	POUR POINT °C/°F	SPECIFIC GRAVITY
Omnilube 455	100	98.7/14.0	145	240/464	-50/-58	0.85





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**IMPREGNATING OILS & GELS**  
Premium Lubrication for Sintered Metal Bearings




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PREMIUM SYNTHETIC LUBRICANTS




**GAS COMPRESSION LUBRICANTS**  
Premium Synthetic Lubricants for Gas Compression & Engine Application



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**FOOD GRADE LUBRICANTS**  
Premium Synthetic Lubricants for the Food Manufacturing & Processing Industry



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