



CINNCOM 3E Compressor Fluids

Overview: Interlube's CINNCOM 3E Compressor Fluids are specially formulated compressor fluids designed to give OEM equivalent performance in rotary screw compressors. Their unique design allows it to be used as a top-up on a number of fluids including mineral oils, PAO's, diesters, PAG's, POE's, and a number of other synthetic hydrocarbons. This helps when you are unsure of what fluid is in a compressor or if you are transitioning multiple compressors to a single, high-performance fluid in an effort to reduce inventory/ consolidate products.

Formulated with a specially selected blend of esters and other synthetic base oils, it contains a proprietary system of additives designed to give long service life, incredibly clean surfaces, and excellent component protection.

These products will give 8000+ hours of service life at air outlet temperatures of up to 200°F (93°C) under normal operating conditions. The ISO 68 and ISO 100 products also make excellent Vacuum Pump Oils with minimal deposits and great anti-wear.

Operational Benefits: These products offer these competitive advantages to enhance your reliability:

- **Long service life** • **Wide temperature performance** • **Reduced deposit formation** • **Compatible with multiple competitive fluids** • **Reduced inventory** • **Low vapor pressure** • **High Flash Point- Safer operation** • **Reduced lubricant consumption**

Application:

Application	CINNCOM 3E-32	CINNCOM 3E-46	CINNCOM 3E-68	CINNCOM 3E-100	CINNCOM 3E-150
Reciprocating Compressor				✓	✓
Rotary Screw Compressor	✓	✓	✓		
Rotary Vane Compressor			✓	✓	
Vacuum Pumps			✓	✓	

Typical Industries: This product is commonly used (but not exclusively) in the following industries:

- **General Manufacturing** • **Specialty Industrial**



Technical Properties

Specification	Method	CINNCOM 3E-32	CINNCOM 3E-46	CINNCOM 3E-68	CINNCOM 3E-100	CINNCOM 3E-150
Appearance	ASTM E 2680-16	Light Yellow Liquid	Light Yellow Liquid	Light Yellow Liquid	Light Yellow Liquid	Light Yellow Liquid
Viscosity @ 40°C (cSt)	ASTM D-445	32.0	46.7	68.0	100.3	147.4
@ 100°C (cSt)		5.77	7.31	9.5	11.2	14.7
Viscosity Index	ASTM D-2270	122	118	118	103	101
Density @ 15°C (gm/cm ³)	ASTM D-1298	0.860	0.865	0.870	0.903	0.906
Flash Point (°C)	ASTM D-92	242	258	258	260	255
Pour Point (°C)	ASTM D-5950	-21	-24	-24	-18	-20
Water Separation @ 54°C	ASTM D-1401	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
Copper Corrosion	ASTM D-130	1b	1b	1b	1b	1b
Rust Protection	ASTM D-665B	Pass	Pass	Pass	Pass	Pass

The values shown are typical of current production. All of them may vary within tolerable ranges