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TECHNICAL DATA SHEET

CINNCOM 3E Compressor Fluids

Overview: Interlube CINNCOM 3E Compressor Fluids are specially formulated compressor fluids designed to give OEM equivalent performance in rotary screw compressors. Their unique design allows them 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.

Currently available in 5 viscosity grades from ISO 32 to ISO 150, the CINNCOM 3E Compressor Fluids, 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

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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 cSt @ 40°C cSt @ 100°C	ASTM D-445	32.0 5.77	46.7 7.31	68.0 9.5	100.3 11.2	147.4 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.

28625

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