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TECHNICAL DATA SHEET

CINNCOM SHC Compressor Fluids

Overview: Interlube CINNCOM SHC Compressor Fluids (ISO Grades 32, 46, 68, 100, 150, and 220) are premium quality synthetic hydrocarbon-based compressor fluids designed to give outstanding performance in oil flooded rotary vane and rotary screw compressors. They have exceptional thermal and oxidation stability, which results in minimizing the formation of varnish, lacquer, and sludge deposits. Their high VI and low pour points are inherent "Molecular Advantages" of these completely synthetic products.

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

• **Exceptional thermal stability** • **Outstanding oxidation stability** • **Very high Flash Point (>500°F)** • **Low volatility – reduced oil make-up** • **High natural Viscosity Index (>120)** • **Completely shear stable** • **Very low Pour Point** • **Tremendous anti-wear performance** • **Wide operating temperature range** • **Compatible with systems operating on Mineral Oils.**

Application: Due to the effective cleaning effect of these oils, we recommend submitting an oil sample to verify system condition.

• **Flooded rotary vane compressors** • **Rotary screw compressors** • **Reciprocating compressors (ISO 68/ 100 /150)** • **Centrifugal compressors (ISO 32)** • **Circulation systems** • **Bearing lubrication** • **Electric motors** • **Blowers (ISO 150/ 220)**

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

• **General Industry** • **Automotive / Commercial Garages** • **Railroads**

NOTE: Not for use for compression for SCBA / SCUBA / breathable air/ compression

CINNCOM SHC Compressor Fluids

Technical Properties

Property	Method	CINNCOM SHC 32	CINNCOM SHC 46	CINNCOM SHC 68
Appearance	Visual	Clear Liquid	Clear Liquid	Clear Liquid
Color	Visual	Trace Amber	Trace Amber	Trace Amber
Viscosity **ISO Grade** **cSt @ 40°C** **SUS @ 100°F**	ASTM D-445	 32 32 155	 46 46 220	 68 66 310
Viscosity Index	ASTM D-2270	135	135	131
Pour Point (°F)	ASTM D-97	-70	-65	-55
Specific Gravity	ASTM D-4052	0.84	0.85	0.85
Conradson Carbon (%)	ASTM D-189	<0.01	<0.01	<0.01
Temperature Stability	ASTM D-2070	Excellent	Excellent	Excellent

Property	Method	CINNCOM SHC 100	CINNCOM SHC 150	CINNCOM SHC 220
Appearance	Visual	Clear Liquid	Clear Liquid	Clear Liquid
Color	Visual	Trace Amber	Trace Amber	Trace Amber
Viscosity **ISO Grade** **cSt @ 40°C** **SUS @ 100°F**	ASTM D-445	 100 105.5 495	 150 155.8 748	 220 224.5 1050
Viscosity Index	ASTM D-2270	>135	>135	>135
Pour Point (°F)	ASTM D-97	-45	-45	-45
Specific Gravity	ASTM D-4052	0.86	0.86	0.87
Conradson Carbon (%)	ASTM D-189	<0.01	<0.01	<0.01
Temperature Stability	ASTM D-2070	Excellent	Excellent	Excellent

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