

Synthetic Ester Compressor Oil

Synthetic Ester Compressor Oil, commonly known as Bel-Ray DEB Compressor Lubricant, is a high performance, heavy-duty, synthetic, diester-based compressor oil. Synthetic Ester Compressor Oil offers high deposit solvency and will eliminate deposits formed by conventional compressor oils. Synthetic Ester Compressor Oil will also prevent the formation of new deposits. The proprietary rust and oxidation inhibitors utilized in Synthetic Ester Compressor Oil allow for extended drain intervals and extended component life. In addition, Synthetic Ester Compressor Oil has excellent anti-wear properties, rust protection, exceptional water separability characteristics, and anti-foaming additives.

APPLICATIONS

- Rotary vane and screw type compressors
- Gears, bearings, hydraulic and chain applications operating at low temperatures
- Airline lubricant, tools, valves, cylinders, etc.

PRODUCT FEATURES

- Wide temperature range
- Low sludge forming tendency
- Anti-wear performance
- High demulsibility

BENEFITS

- High flash and fire points, along with very low pour point
- High solvency for deposits
- Reduces friction and wear thus leading to lower energy costs
- Excellent water separability

DISTRIBUTED BY:

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Typical Physical Properties			
Property	Test Method	46	68
ISO Viscosity Grade	ISO 3448	46	68
Viscosity @ 40°C, cSt	ASTM D445	46	68
Viscosity @ 100°C, cSt	ASTM D445	7.2	8.8
Viscosity Index	ASTM D2270	117	104
Flash Point, °C (°F)	ASTM D92	244 (471)	250 (482)
Pour Point, °C (°F)	ASTM D97	-51 (-60)	-46 (-51)
Copper Corrosion	ASTM D130	1A	1A
Foam Tendency, Seq. I, II, III	ASTM D892	Nil	Nil
Oxidation Lifetime	ASTM D943	>3500	>3500
4-Ball Wear Scar Diameter, mm	ASTM D4172	0.46	0.46
Vickers V-104C Vane Pump Test	ASTM D2882	<50	<50
FZG Visual Test	ASTM D5182	12	12
Rust Test, A/B	ASTM D665	Pass	Pass
Biodegradability	ASTM D5864	61.9	59.1
Color		Yellow	Yellow

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