



AMSAIR-RECIP-E



SYNTHETIC ESTER RECIPROCATING COMPRESSOR OIL

Data Sheet

AMSOIL Industrial **AMSAIR-RECIP-E** Synthetic Ester Reciprocating Compressor Oil is engineered with premium esters and ashless additives to provide excellent system cleanliness, all-temperature wear protection and long oil life in single- and multi-stage reciprocating compressor crankcases and cylinders, single-stage vacuum pumps, pressure-washer pumps and blowers.

Product Benefits

- Superior resistance to sludge, carbon and varnish deposits helps extend oil and valve life and reduce maintenance.
- Outstanding anti-wear protection helps extend equipment life.
- Excellent foam resistance helps dissipate heat, improve compressor efficiency and maintain a strong lubricating film.
- High demulsibility to protect against rust and corrosion.

Applications*

Use AMSOIL Industrial **AMSAIR-RECIP-E** in single- and multi-stage reciprocating compressors and other compressor applications. Service life is dependent on operating conditions and maintenance practices – regular oil analysis is recommended. Consult an AMSOIL Industrial Application Engineer to identify the best solutions for your specific applications.

Not recommended for refrigeration compressors.

Compatibility	Recommended	Not Recommended
Seals	Viton, high-nitrile buna N (>36%), Teflon	Neoprene, SBR rubber, low-nitrile buna N
Paints	Epoxy paint, oil-resistant alkyd, two-part urethane	Acrylic paint, lacquer
Plastics	Nylon, Delrin, Celcon, PBT	Polystyrene, PVC, ABS
Oils	Petroleum, PAO, diester, polyol ester	Polyalkylene glycol (PAG), silicone

Typical Technical Properties**

AMSOIL Industrial **AMSAIR-RECIP-E** Synthetic Ester Reciprocating Compressor Oil

Test	Method	ISO 100	ISO 150
Stock Code	–	CEC100AA	CEC150AA
ISO Viscosity Grade	ASTM D2422	100	150
Viscosity Index	ASTM D2270	130	130
Kinematic Viscosity, 100°C, cSt	ASTM D445	13.1	17.7
Kinematic Viscosity, 40°C, cSt	ASTM D445	98.3	150.4
Flash Point, °C (°F)	ASTM D92	264 (507)	250 (482)
Fire Point, °C (°F)	ASTM D92	278 (532)	270 (518)
Pour Point, °C (°F)	ASTM D97	-43 (-45)	-38 (-36)
Four-Ball Wear, mm 75°C, 1200 rpm, 40 kg, 1 hr	ASTM D4172	0.47	0.44
Foam Characteristics, ml, seq. I, II, III	ASTM D892	0/0, 0/0, 0/0	0/0, 20/0, 0/0
Demulsibility	ASTM D1401	40/40/0 (20)	40/40/0 (25)
Copper Corrosion, 100°C, 3 hr	ASTM D130	1A	1A
Rust Prevention	ASTM D665A	Pass	Pass
Color	ASTM D1500	L1.5	L1.5

Health & Safety Information

For recommendations on safe handling and use, refer to the Safety Data Sheet (SDS) available at AMSOILIndustrial.com or upon request at IndustrialSalesGroup@amsoil.com or (715) 399-6305.

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***Technical properties are general characteristics of the product and not manufacturing specifications. Variations that do not affect product performance should be expected. Product formulations are subject to change without notice. Customers are responsible for determining product suitability for use with their equipment.*