



Reciprocating Ester Compressor Oil

ISO 100 & ISO 150

ISO 9001:2015
Registered Facility

ISO 14001:2015
Registered Facility

PRODUCT DESCRIPTION

Formulated with esters and ashless additives to provide long oil life in reciprocating air compressors.

PRODUCT BENEFITS

- Synthetic ester base oil
- Resists deposits for improved valve performance
- Ideal for severe service and multi-stage reciprocating compressors
- Built-in cleaning properties

APPLICATIONS

Reciprocating Ester Compressor Oil is designed for reciprocating air compressors and vacuum pumps. Oil life is dependent on operating conditions and maintenance practices – a regular oil analysis program is recommended. Not recommended for breathing air or refrigeration compressors.

MATERIAL 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	Polyglycol (PAG), silicone



AMSOIL INC.

One AMSOIL Center
Superior, WI 54880

techsalesorders@amsoil.com
1-715-399-6325

TECHNICAL DATA

TEST	ASTM PROCEDURE	RESULTS (TYPICAL)	
Stock Code	-	CEC100	CEC150
ISO VG	D2422	100	150
Viscosity 100°C, cSt	D445	13.1	17.7
Viscosity 40°C, cSt	D445	98.3	150.4
Viscosity Index	D2270	130	130
Specific Gravity (g/ml)	D1298	0.9141	0.9117
Density, (lb/gal)	D1298	7.612	7.592
Color	D1500	L1.5	L1.5
Flash Point, °C (°F) (COC)	D92	264 (507)	250 (482)
Fire Point, °C (°F) (COC)	D92	278 (532)	270 (518)
Pour Point °C (°F)	D97	-43 (-45)	-38 (-36)
Four Ball Wear Test, mm scar 75°C, 1200 rpm, 40 kg, 1 hr	D4172	0.47	0.44
Rust Procedure A	D665	Pass	Pass
Foam Tendency	D892		
SEQ I	-	0/0	0/0
SEQ II	-	0/0	0/0
SEQ III	-	0/0	0/0
Copper Corrosion, 100°C, 3 hr	D130	1A	1A
Demulsibility	D1401	40-40-0 (20)	40-40-0 (25)

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HEALTH AND SAFETY INFORMATION

For recommendations on safe handling and use of these products, please refer to the Safety Data Sheet (SDS), which is available upon request through the AMSOIL sales office at (715) 399-6325.

