



[www.tmcindustries.com](http://www.tmcindustries.com)

800-772-8179

# Synthetic Ester-Based (PAG-Compatible) Compressor Oil

TMC Industries Synthetic Ester-Based Compressor Oil is formulated for rotary screw and reciprocating air compressors. It is made with esters and ashless additives, providing a long oil life. A viscosity between ISO 32 and ISO 46 allows it to be used in place of PAG compressor oils.

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, PAG, diester, polyol ester	Silicone

- **Service life recommendations** are suggested based upon appropriate operating conditions and maintenance practices. It is recommended that oil analysis is conducted regularly.
- **Not Recommended** for refrigeration or “breathing air” compressor applications.

\*All trademarked names are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use.

**TMC Industries Inc • 1423 Mill Lane • Waconia, MN 55387 • 952-442-1140**



Test	Procedure	Results (Typical)
Stock Code	-	103102 103103
ISO Grade	D2422	32/46
Viscosity 100°C, cSt	D445	6.3
Viscosity 40°C, cSt	D445	40.2
Viscosity Index	D2270	104
Specific Gravity (g/ml)	D1298	0.9315
Density, (lb/gal)	D1298	7.757
Color	D1500	L2.5
Flash Point, °C (°F) (COC)	D92	254 (489)
Fire Point, °C (°F) (COC)	D92	280 (536)
Pour Point, °C (°F)	D97	-43 (-45)
Four Ball Wear Test, mm scar		
75°C, 1200 rpm, 40 kg, 1 hr	D4172	0.45
Rust Procedure A	D665	Pass
Foam Tendency	D892	
SEQ I	-	0/0
SEQ II	-	0/0
SEQ III	-	0/0
Copper Corrosion, 100°C, 3 hr	D130	1A
Demulsibility	D1401	40-40-0 (25)

### Chemical Properties

Metals (wt%)	-	-
Phosphorus	-	0.0197%

The information contained herein is accurate to the best of our knowledge at the time of printing.

Revised 3/17