



ROYAL PURPLE® SYNFILM® RECIP. 100

RECIPROCATING AIR COMPRESSOR OIL

Royal Purple® Royal Purple® Synfilm® Recip. 100 is recommended for lubrication of reciprocating air compressors (piston type) that specify a SAE 30 or a “non-detergent” 30 weight oil.

Synfilm Recip. 100 is a long life, high film strength, energy efficient, synthetic lubricant that significantly increases the reliability and efficiency of reciprocating air compressors. It excels at reducing wear and keeping discharge valves free of harmful carbon deposits. Synfilm Recip. 100 forms a better seal and reduces friction between the cylinder wall and piston rings for greater compressor efficiency. It is formulated with Royal Purple’s unique, proprietary Synerlec® additive technology, which is proven to make equipment run smoother, cooler, quieter, longer and more efficiently.

Performance Advantages

- High film strength
- Rapidly separates from water
- Saves energy
- Synthetic solvency
- Longer oil life
- Excellent corrosion protection

Typical Properties*	Method	
Viscosity	D445	
cSt @ 40°C		100
cSt @ 100°C		10.1
Flash Point °C (°F)	D92	238 (460)
Pour Point °C (°F)	D97	-39 (-38)
Acid Number	D664	0.23
Demulsibility	D1401	40/40/0/30
Foam Tests	D892	
Sequence I, II & III		Pass
Copper Corrosion	D130	
3 hrs. @ 210°F		1a
250 hrs. @ 210°F		1a
Cincinnati Millicron “A”		
Corrosion / Oxidation		Pass
Rust Test	D665	
Fresh Water		Pass
Salt Water		Pass
Dry Air Oxidation	D2893	
312 hrs. @ 203°F		
% Viscosity Increase		0
Precip. No. (% Solids)		0

*Properties are typical and may vary.