



SYNTHETIC AIR COMPRESSOR OIL

Product Description: SYNTHETIC AIR COMPRESSOR OIL is a high quality, fully synthetic lubricant based on advanced diester technology. They are available in five ISO grades to cover a wide range of equipment and operational conditions. All grades offer significant advantages over mineral oils in high temperature applications where long service life and minimal deposits are required. They have outstanding resistance to oxidation, providing up to 10 times the service life of mineral oils.

SYNTHETIC AIR COMPRESSOR OIL offers an extended service life in rotary screw compressor (up to 8,000 hours) and greatly reduced deposits in both single and multi stage reciprocating air compressors. They show major improvements in performance against mineral oils in gear reducers, fan and blower bearings, pumps, mist systems and other applications where premium rust and oxidation inhibited oils are specified.

Features:

- Exceptional oxidative and thermal stability
- Excellent high & low temperature performance
- Minimal deposits and sludging
- Superior wear protection
- Greatly extended drain intervals
- Reduced foaming and air entrainment
- Potential energy savings
- Excellent corrosion protection

Typical Uses:

- Synthetic Compressor Oil offers extended service life in rotary screw compressors (**up to 8,000 hrs**) and greatly reduces deposits in both single and multi stage reciprocating air compressors.
- They show major improvements in performance against mineral oils in gear reducers, fan and blower bearings, pumps, mist systems and other applications where premium rust and oxidation inhibited oils are specified.

Typical Specifications:

GRADE, SAE	32	46	68	100	150
Specific Gravity @ 60/60°F.	0.926	0.936	0.955	0.963	0.956
Density @ 60°F. Lb./U.S. Gal.	7.71	7.77	7.97	8.02	7.97
Flash Point, (PM) °C/°F.	243/470	245/475	249/480	235/455	232/450
Kinematic Viscosity @ 40°C cSt.	30	46	70.7	95	143
Kinematic Viscosity @ 100°C cSt.	5.5	6.3	7.8	10.1	13.6
Viscosity Index	120	90	65	92	89
Coefficient of Expansion, Vol/Vol., °C/°F.	0.00079/0.00044	0.00076/0.0042	0.00076/0.0042	0.00076/0.00042	0.00074/0.00042
Pour Point °C/°F.	-56/-70	-50/-55	-40/-40	-40/-40	-34/-30
Auto-Ignition Temp, °C/°F.	385/725	385/725	393/740	41,775	418/785
Timken O.K. Load, Lbs.					
FZG Gear, STG Pass	12	12	12	12	12

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.