

QATOL ROTO SYN PA COMPRESSOR OILS

premium performance, synthetic compressor oil based on PAO technology.

PRODUCT DESCRIPTION:

QATOL ROTO SYN PA oils are synthetic compressor lubricants formulated with the highest-quality PAO base fluid. The PAO base fluid provides thermal and oxidation stability, high viscosity index, low pour point and good hydrolytic stability. A high-performance additive package further enhances these qualities. The products are designed to meet the requirements of compact, high output rotary air compressors where mineral products are not effective any longer and make an ideal choice for large diesel engine turbocharger applications as well.

APPLICATIONS:

- Flooded screw compressors.
- Rotary air compressors.
- Reciprocating air compressors.
- Medium-speed marine diesel engine turbochargers.

QATOL ROTO SYN PA Compressor Oils are synthetic-base, ashless, anti-wear circulating oil incorporating polyalphaolefin (PAO) base stocks and carefully selected additives.

QATOL ROTO SYN PA Compressor Oils give outstanding performance in a wide range of gear, compressor and hydraulic applications in industrial service, such as paper mill drying sections, gear reducers, pumps, marine centrifuge gearboxes, and worm gears containing copper alloys where mild EP performance is required.

FEATURES AND BENEFITS:

- **Extended oil service life** Outstanding oxidation stability of the polyalphaolefin base fluid and inhibitor system resists oil breakdown at the elevated temperatures encountered in compressor service, permitting oil drain intervals to be extended beyond those achieved with conventional lubricants.
- **Protects equipment** Polyalphaolefin base fluid helps to provide an effective oil film to protect highly loaded parts against wear under high temperature operating conditions, as well as during low temperature start-up. Effective inhibitor system provides excellent rust and corrosion protection. Anti-wear additive minimizes wear under severe operating conditions.
- **Smooth operation** Outstanding thermal and oxidation stability enables the polyalphaolefin lubricant to resist deposit formation in the heat of the compression cycle, even under severe service conditions.
- **Extended range of applications** High viscosity index and low pour point of the polyalphaolefin base fluid permits application in a wider range of ambient operating temperatures compared with conventional lubricants.

SPECIFICATIONS:

- DIN 51506 VDL
- **QATOL ROTO SYN PA** Can be used in the lubrication of many types of air compressors, including Atlas Copco units.

KEY PROPERTIES:

Properties	Unit	Value	Value	Test Method
ISO Viscosity Grade		46	68	
Viscosity @ 40 °C	mm ² /s	46	68	ASTM D-445
@ 100 °C	mm ² /s	8.1	10.4	ASTM D-445
Viscosity Index		150	140	ASTM D-2270
Density @ 35 °C	kg/m ³	840	850	ASTM D-4052
Flash Point	°C	232	240	ASTM D-92
Pour Point	°C	- 46	- 47	ASTM D-97

AVAILABLE PACKAGES: 208L, 25L, 20L,