

## ConocoPhillips SynXPA® 100 R&O Oil

Category : Fluid , Lubricant

**Material Notes:**

Description: Conoco SynXPA R&O Oil lubricates stationary and portable rotary compressors, as well as reciprocating compressors that operate in severe service. It is useful in single- and double-acting, single- and multistage reciprocating compressors; in oil-flooded rotary-vane, rotary-lobe and screw compressors; in vacuum pumps that require an oil with low volatility; and in mild-duty industrial gear drives of spur, helical and bevel gear design that require an AGMA 3 or 4 R&O gear lubricant. It is not intended for use in applications which require extreme-pressure (EP) additives, such as spiral-bevel or hypoid gear sets. In ISO 32 and 68, it can be used in mild-duty hydraulic systems where the pump manufacturer specifies a rust- and oxidation-inhibited oil. SynXPA R&O Oil offers superior low-temperature fluidity and excellent high-temperature thermal and oxidative stability up to 400°F. It essentially eliminates the common problems of oil-separator varnishing and plugging, as well as vane sticking. With proper oil analysis, SynXPA R&O Oil can extend oil-drain intervals to 8,000 hours – compared to just 1,000 hours for conventional solvent-refined R&O oils. Do not use SynXPA R&O Oil for systems that require antiwear hydraulic oil. Do not mix it with conventional solvent-refined R&O oils or other synthetic oils. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-SynXPA-100-RO-Oil.php](http://www.lookpolymers.com/polymer_ConocoPhillips-SynXPA-100-RO-Oil.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	73	73	Viscosity Index
Saybolt Viscosity at 100°F	504 SUS	504 SUS	
Saybolt Viscosity at 210°F	58.2 SUS	58.2 SUS	
Kinematic Viscosity at 40°C (104°F)	95.9 cSt	95.9 cSt	
Kinematic Viscosity at 100°C (212°F)	9.7 cSt	9.7 cSt	

Thermal Properties	Metric	English	Comments
Pour Point	-34.4 °C	-30.0 °F	
Flash Point	250 °C	482 °F	

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