

# ALTO SYN PAO

## GENERAL DESCRIPTION

ALTO SYN PAO lubricants are manufactured from the highest quality PAO (polyalphaolefin) base stocks and advanced additive technology. ALTO SYN PAO lubricants are recommended for rotary screw, centrifugal, and reciprocating compressors and offer many advantages over petroleum-based lubricants as well as some synthetics, especially where compatibility is an important concern. ALTO SYN PAO lubricants have low pour points, high viscosity indexes and excellent water demulsibility.

## Physical Properties

ALTO SYN PAO	32	46	68	100	150
ISO Viscosity Grade	32	46	68	100	150
Viscosity:					
@ 40°C, cSt	32.0	43.0	66.0	93.0	142
@ 100°C, cSt	5.80	7.20	9.80	12.5	16.3
@ 100°F, SUS	163	220	339	482	737
@ 210°F, SUS	45.7	50.4	59.6	69.8	85.1
Viscosity Index	126	130	132	130	122
Specific Gravity,	0.8540	0.8560	0.8610	0.8620	0.8899
Density, lbs/gal	7.112	7.129	7.170	7.179	7.410
Pour Point, °F (°C)	-81(-63)	-38(-39)	-44(-42)	-44(-42)	-40(-40)
Flash Point, °F(°C)	490(254)	515(268)	520(271)	535(279)	535(279)
Autoignition Temp., °F (°C)	730 (388)	745 (396)	745 (396)	760 (404)	760 (404)
Emulsion Tendency	40/40/0 10 Mins.	40/40/0 10 Mins.	40/40/0 20 Mins.	40/40/0 15 Mins.	42/38/0 15 Mins.

NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suit ability. Product typical this publication are current as of November 24, 2010.

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# PRODUCT DATA SHEET