



TECHNICAL DATA SHEET

AMPAC SYNGEAR OILS SERIES

Synthetic (PAO) Industrial Gear Oils

PRODUCT DESCRIPTION:

AMPAC SYNGEAR OILS are superior quality synthetic, Polyalphaolefin (PAO) based lubricant which provide numerous benefits , such as exceptionally high oxidation resistance, minimum sludge and varnish formation and increased oil life. The product also provides significant wear reduction, a broad operating temperature range, plus high lubricity and film strength.

AMPAC SYNGEAR OILS are recommended for use in air compressors, bearings, circulating oil systems, enclosed gear drives and other equipment operating in severe service. Due to its additive properties, it is able to withstand extreme pressures and will remain reliable even with shock loads.

Product Features:

- Good oxidation resistance
- Wide operating temperature range
- Great resistance to rust and oxidations

APPLICATIONS:

- Extreme Pressure Gears and Hydraulics

BENEFITS:

- Increase oil life
- Significant wear reduction
- * Improves gear efficiency



TYPICAL PROPERTIES

AMPAC SYNGEAR OILS Synthetic (PAO) Industrial Gear Oils									
Prod Code	AMSGO 3511	AMSO 3512	AMSO 3513	AMSO 3514	AMSO 3515	AMSO 3516	AMSO 3517	AMSO 3518	Test Method
ISO Grade	32	46	68	100	150	220	320	460	-
Density Lbs./Gal@15°C	7.05	7.09	7.13	7.15	7.17	7.18	7.20	7.19	
Flash Point °C	238	255	268	269	271	273	275	278	ASTM D92
Pour Point °C	-42	-36	-33	-30	-30	-27	-27	-27	ASTM D97
Viscosity @40°C cSt	32	46	68	100	150	220	320	460	ASTM D445
Viscosity @100°CcSt	5.8	7.6	10.2	14.3	20.1	27.8	38.6	54.8	ASTM D7042
Viscosity @100 °F, SUS	164	236	349	513	771	1133	1651	2371	
Viscosity@210°F,SUS	46	52	61	77	101	136	187	264	
Viscosity Index	128	131	135	146	156	164	171	185	
4 Ball Wear, mm	0.40	0.40	0.40	0.40	0.40	0.38	0.38	0.37	
RBOT, Mins	1400+	1400+	1400+	1400+	1400+	1400+	1400+	1400+	