

Product Code: PAO0100, PAO0150, PAO0220, PAO320, PAO0460,  
Updated: 18.03.2016

**SARGEAR SYNTH PAO LUBRICANTS** are a range of gear and bearing oils offering outstanding performance under severe operating conditions.

## APPLICATIONS

- Filled for life gearboxes
- Low temperature applications
- Plain and rolling element bearings
- Oil circulation systems
- Remote applications where oil changes are difficult to access

## BENEFITS

- Excellent oxidation and thermal stability, extending lubricant life
- Rapid water shedding and air release performance
- High load carrying capability
- Seal and paint compatibility
- Improved gear efficiency compared to mineral type oils
- Wide temperature range performance

## TYPICAL PROPERTIES

SARGEAR SYNTH PAO – ISO VISCOSITY GRADE	68	100	150	220	320	460	680
Appearance	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Kinematic Viscosity @ 40°C – cSt (ASTM 4451)	68	101	149	218	322	458	680
Viscosity Index (ASTM D2270)	135	138	136	135	134	133	140
Pour Point, °C, (ASTM D97)	-43	-42	-42	-40	-40	-36	-24
Flash Point, C.O.C., °C, (ASTM D92)	210	220	227	233	246	247	250
Foaming (ASTM D892) – After Setting Sequence 1	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Foaming (ASTM D892) – After Setting Sequence 2	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Copper Corrosion (ASTM D130)	1b	1b	1b	1b	1b	1b	1b
FZG Gear Test Stage	12	13	13	13	13	13	13

## HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.