

# SPL GB-PG Series

## Product Data Sheet

**SPL GB-PG Series** synthetic lubricants are polyglycol-based products for use in enclosed gear, bearings, and compressors where conditions demand the unique properties of these fluids. Better wear protection, thermal and oxidation stability, and reduced sludge and deposit formation ensure enhanced performance when compared to petroleum-based lubricants.

**SPL GB-PG Series** lubricants are incompatible with petroleum oils. Care should be taken to make sure the two types of fluids are not mixed.

### Physical Properties

Products	SPL GB-150PG	SPL GB-220PG	SPL GB-320PG	SPL GB-460PG	SPL GB-680PG	SPL GB-1000PG
ISO Grade	150	220	320	460	680	1000
Viscosity						
@ 40°C, cSt	148	221.9	307.4	433.3	653.8	1000
@ 100°C, cSt	27.8	42.9	55.2	80.7	113.4	162.0
@ 100°F, SUS	746	1191	1580	2224	3312	5072
@ 210°F, SUS	135	206	266	366	532	774
Viscosity Index	227	244	247	259	273	280
Specific Gravity	-	1.056	1.067	1.059	1.057	1.056
Flash Point, °F (°C)	505 (263)	510 (266)	510 (265)	530 (277)	525 (274)	525 (274)
Pour Point, °F (°C)	-49 (-45)	-45 (-43)	-43 (-41)	-40 (-40)	-44 (-42)	-44 (-42)
FZG Gear Test	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass	12+ Pass

### Shelf Life:

Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.

### Thermal Characteristics:

Specific Heat	Thermal Conductivity
Cal/g-°C	BTU/Hr/(Ft °F)
60°C = 0.48	100°F = 0.095
80°C = 0.49	200°F = 0.090
100°C = 0.51	