



PRODUCT DATASHEET

SPC SYNGEAR RGS

Industrial Synthetic Gear Lubricant

SPC SYNGEAR RGS is an excellent quality extreme pressure gear lubricant manufactured from the polyalphaolefine family. It is specially designed for use under severe conditions such as extremely high or low temperatures. It has excellent antiwear properties, which is exemplified by the stage 12 FZG results. The most advanced additive system is selected to provide superior oxidative and thermal stability.

PERFORMANCE STANDARDS

SPC SYNGEAR RGS meets the following performance requirements:

- US Steel 224
- AGMA 9005-E02
- David Brown S1.53.101
- DIN 51517 Part 3

BENEFITS

SPC SYNGEAR RGS provides the following benefits:

- Excellent antiwear and EP properties to protect gears against scuffing and wear.
- Exceptional load-carrying capability.
- Superior thermal and oxidation stability.
- Superior rust and corrosion inhibition.
- Impressive water-separating characteristics.

APPLICATIONS

SPC SYNGEAR RGS is recommended for all types of enclosed gearboxes, especially those operating at extreme temperatures, or under severe service conditions, such as heavily loaded plain or rolling element bearings.

TYPICAL CHARACTERISTICS

SPC SYNGEAR RGS

ISO VG	68	100	150	220	320	460	680
Viscosity, Kinematic							
at 40 deg C, cSt	69.9	99.5	147.9	222.3	325	460	681
at 100 deg C, cSt	11.6	15.5	20.6	28.1	45.5	51.2	62.1
Viscosity Index	161	166	163	164	154	155	158
Flash Point, COC, deg C	222	226	240	255	254	255	258
Pour Point, deg C	-45	-45	-45	-42	-42	-39	-36
Specific Gravity, 15/15 deg C	0.850	0.852	0.855	0.861	0.860	0.872	0.871

The above figures are typical of current production and do not constitute a specification. Minor variations may occur.