

Respina SynGear FG-PG

Food-grade synthetic (PAG) industrial gear oil



Description

Respina SynGear FG-PG oils are fully-synthetic polyalkylene glycol (PAG) gear oils with application to food-processing and pharmaceutical industries. They are formulated from NSF registered base fluids/additives and are developed for the lubrication of highly loaded spur, bevel and planetary gears, rolling and plain bearings as well as all types of toothed couplings, especially when exposed to high temperatures.

Specification and Approvals

- DIN 51517 Part 3 CLP
- ISO 21469

Advantages & Benefits

- Allows use in food and beverage packaging and processing applications
- High viscosity index together with low and high temperature performance
- Good wear protection for gears and rolling bearings
- Excellent ageing and oxidation resistance

Typical Data

Property	FG-PG 100	FG-PG 150	FG-PG 220	FG-PG 320	FG-PG 460	FG-PG 680	Test method
Viscosity at 40°C	100	150	220	320	460	680	ASTM D445
Viscosity at 100°C	18.1	26	36	50	69	107	ASTM D445
Viscosity Index	205	209	214	220	228	250	ASTM D2270
Flash Point °C	+230	+258	+262	+270	+276	+272	ASTM D92
Pour Point °C	-39	-39	-39	-39	-33	-30	ASTM D97
Density kg/m ³	994	995	998	1002	1054	1070	ASTM D4052

❖ The above data are typical and acceptable variation may occur during production. Also, some possible changes or modifications can be made upon customer request and specific needs.