Chain Guard CG-FG-GL-H1 FOODGEAR Series

(SYNTHETIC FOOD GRADE GEAR LUBRICANTS)

Chain Guard® FOODGEAR CG-FG-GL-H1 food grade gear lubricant series is 100% fully synthetic lubricants specially formulated and blended from premium polyalphaolefin (PAO) base oils, complete with advanced additives to improve seal and gasket characteristics. This food grade gear oil is formulated to provide superior lubrication for the most challenging industrial gear system applications in baking, confection, food processing, meat & poultry processing, pharmaceutical, beverage, bottling, canning, and many more food processing applications.

Suitable for BRC, SQF, and HACCP audits, the FOODGEAR series is designed for a wide range of industrial gear applications where NSF H1 incidental food contact regulations are enforced. Meets FDA regulations 21 CFR 178.3570 requirments.

The series offers a wide viscosity index, allowing for proper protection at various wide temperature ranges. The series provides a very low evaportaion rate, low pour point, and has superior compatibility with seals, plastics, paints, and elastomers.

APPLICATIONS

- Gear Sets
- Worm Gears
- Enclosed Gears
- Gear Boxes
- Food Processing Plants
- Chains

NSF
Nonfood Compounds
Program Listed H1
170792

TYPICAL PROPERTIES	TEST METHOD	FG-GL-68-H1	FG-GL-100-H1	FG-GL-150-H1	FG-GL-220-H1	FG-GL-320-H1	FG-GL-460-H1	FG-GL-680-H1
ISO Grade	ASTM D2422	68	100	150	220	320	460	680
SAE Grade	SAE J-300	30	30	40	50	60	-	-
AGMA	--	2	3	4	5	6	7	8
Viscosity @ 40°C,cSt	ASTM D445	68.8	93.6	147	225.1	319	461	683
Viscosity @ 100°C,cSt	ASTM D445	10.5	12.9	17.6	23.4	30.5	39.1	52
Viscosity Index	ASTM D2270	141	136	132	128	132	130	130
Flash Point, °C/°F	ASTM D92	260/500	232/450	238/460	262/504	270/518	270/518	270/518
Pour Point, °C/°F	ASTM D97	-48/-55	-42/-44	-37/-35	-42/-44	-38/-36	-24/-31	-23/-30
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b	1b	1b
Foaming Sequence I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Specific Gravity	ASTM D4052	0.84	0.84	0.85	0.85	0.85	0.85	0.85

Currently ISO 220 is NSF Listed - Other ISO Grades Pending -- Please inquire for Update