

# CHAIN GUARD CG-FS-CC-H1 SERIES

(SYNTHETIC FOOD GRADE COOLER CHAIN LUBRICANTS)



## PRODUCT DESCRIPTION

Chain Guard CG-FS-CC-H1 Series are 100% fully synthetic lubricants specially formulated and blended from premium polyalphaolefin (PAO) base oils complete with advanced additives for use on the most demanding cooling conveyor systems and cooling rack chain applications in the baking industry.

The CG-FS-CC-H1 Series is designed for a wide range of cooling system applications used to ensure reduced chain stretching with superior anti-wear protection where NSF H1 regulations are enforced. Its "incidental food contact" designation allows this multi-purpose food grade lubricant to be used in a wide variety of bakery cooling applications. The series provides reduced varnish and deposit build up, low evaporation rates, wide temperature ranges along with excellent anticorrosion and water washout properties while maintaining high load carrying capacities. The long lubricating life of the CG-FS-CC-H1 Series allows the product to outperform competitor lubricants and make it the best choice for all types of cooling conveyor systems.

## CHARACTERISTICS

- ◆ NSF H1 registered - Meets requirements of FDA regulations 21 CFR 178.3570
- ◆ Low Evaporation Rate
- ◆ Wide operating temperature range
- ◆ Anti-Wear Protection
- ◆ Excellent compatibility with elastomers, seals, plastics, and paints
- ◆ Available 6 Gallon Case, 5 Gallon Pails, 55 Gallon Drums



Nonfood Compounds  
Program Listed (Category Code)  
(Registration #)

## SPECIFICATIONS & TYPICAL PROPERTIES

Properties	Test Method	CG-FS-CC-32-H1	CG-FS-CC-46-H1	CG-FS-CC-68-H1	CG-FS-CC-100-H1	CG-FS-CC-150-H1
ISO Grade	ASTM D2422	32	46	68	100	150
Viscosity Index	ASTM D2270	117	127	141	136	132
Viscosity @ 40°C, cSt	ASTM D445	31.4	46	68.8	93.6	147
Viscosity @ 100°C, cSt	ASTM D445	5.6	7.9	10.5	12.9	17.6
Flash Point °C/°F	ASTM D92	246/465	260/500	260/500	260/500	260/500
Pour Point °C/°F	ASTM D97	-57/-71	-48/-55	-48/-55	-42/-44	-37/-35
Specific Gravity	ASTM D1298	0.82	0.83	0.84	0.84	0.85

## APPLICATIONS

- ◆ Cooling Conveyors
- ◆ Meat Processing Plants
- ◆ Bakery Oven Loaders & Un-Loaders
- ◆ Canning Plants
- ◆ Confection Plants
- ◆ Spiral Conveyors

TDS - CHAIN GUARD CG-FS-CC-H1 SERIES