

# Chain Guard CG-FS-HY-32-H1

(SYNTHETIC FOOD GRADE HYDRAULIC LUBRICANTS)

## PRODUCT DESCRIPTION

Chain Guard CG-FS-HY-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 challenging industrial hydraulic system applications in the confection and food processing, pharmaceutical, beverage, bottling, canning, and confection baking industries.

The CG-FS-HY-H1 Series is designed for a hydraulic systems, however can be used as a multi-purpose lubricant in wide range of industrial applications where NSF H1 incidental food contact regulations are enforced. The series offers a wide viscosity index thus allowing for proper protection at a various temperatures. The series provides reduced varnish and deposit build up, low evaporation rates, along with excellent anticorrosion and water washout properties while reducing stress of high-pressure, high-load, and heavy-duty demanding operations. The long lubricating life of the CG-FS-HY-H1 Series allows the product to outperform competitor lubricants and make it the best choice for all types of hydraulic 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 H-1 REGISTRATION:146399

## SPECIFICATIONS & TYPICAL PROPERTIES

Properties	Test Method	CG-FS-HY-32-H1	CG-FS-HY-46-H1	CG-FS-HY-68-H1	CG-FS-HY-100-H1	CG-FS-HY-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

- ◆ Hydraulic Systems
- ◆ Compressors
- ◆ Gears
- ◆ Canning Plants
- ◆ Vacuum Pumps
- ◆ Spiral Conveyors
- ◆ Bearings
- ◆ Chains
- ◆ Air Line Lubricant