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# TECHNICAL DATA

## CR FG SERIES SYNTHETIC FOOD GRADE COOLER CONVEYOR CHAIN LUBRICANTS

### PRODUCT APPLICATION

CR FG Series lubricants are specially formulated for the Cooler Rack Chain applications in the Baking Industry where incidental food contact may occur. The lighter to medium weight viscosities prevent chains from stretching caused by excess loads of build-up from flour, sesame seeds and other airborne debris sticking to the chain.

### PRODUCT FEATURES

- Outperforms other lubricants and significantly reduces lubricant consumption
- Approved by the U.S.D.A. for H-1 applications (lubricants with possible food contact) and comply with the requirements of F.D.A. 21 CFR 1778.3570.
- Colorless, Odorless and manufactured from high quality Hydrocarbon base stock and selective additives for enhanced performance.
- Superior anti-wear additives to protect chain from seizure and wear and provides good adherence to the chain or metal surfaces.
- Enhanced rust, oxidation and corrosion inhibitors preventing gumming, varnishing and rusting.
- Available in 5-gallon pail or 55-gallon drum

### SPECIFICATIONS AND TYPICAL PROPERTIES

CR FG SERIES		CR FG-05	CR FG-10	CR FG-15	CR FG-20	CR FG-30
<b>Typical Properties</b>	<b>ASTM Test Method</b>	<b>ISO 15 (SAE 5W)</b>	<b>ISO 32 (SAE 10W)</b>	<b>ISO 46 (SAE 15W)</b>	<b>ISO 68 (SAE 20W)</b>	<b>ISO 100 (SAE 30W)</b>
Viscosity Index	D-2270	122	140	135	134	127
Viscosity @ 40° C, cSt	D-445	15.0	30.7	46.8	64.2	98.0
Viscosity @ 100° C, cSt	D-445	3.58	5.90	7.79	9.73	12.85
Viscosity @ 100°F, SUS	D-445	82	157	238	329	506
Viscosity @ 210°F, SUS	D-445	38.3	46.0	52.3	59.2	70.8
Flash Point, ° F	D-92	370	460	482	485	490
Fire Point, °F	D-92	430	510	580	580	585
Pour Point, ° F	D-97	-85	-67	-63	-50	-45
Specific Gravity	D-1298	0.816	0.826	0.831	0.837	0.844
Color	D-1500	Clear	Clear	Clear	Clear	Clear

### HANDLING PRACTICES

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet. For more information and availability, call 630-513-6350.

**CR FG SERIES PROVIDES MAXIMUM PROTECTION,  
IN AN EXTREMELY TOUGH ENVIRONMENT,  
FOR YOUR COOLER RACK CHAIN**



**PETROCHEM, INC.**  
**SPECIALTY LUBRICANTS**

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*Member of the American Baking Society*

