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TECHNICAL DATA SHEET

CINNGUARD 95X MULTI-PURPOSE GREASES

Overview: Interlube CINNGUARD 95X greases are special, PTFE containing, synthetic food grade grease formulations, which are odorless and nearly colorless. Their synthetic formulations give them truly outstanding performance at high and low temperatures and extremely long service life. They have excellent EP, anti-wear, anti-rust, anti-oxidation, and adhesive properties. Due to their thin film clarity, greased parts are easy to check while in use. This feature is not found in most other food grade greases, which are generally opaque white and do not allow for easy visual checks.

These CINNGUARD 95X products have superior lubricating properties over conventional greases due to their "molecular advantages" and they also have the benefit of non-melt formulations. They find use in many areas other than those requiring a food grade grease. These truly multi-purpose, high performance greases find uses in a very wide variety of nonfood applications, which include: paint curing ovens, metal working, cement kilns, chemical manufacturing, shrink wrap packaging, drying ovens, and in severely loaded bearing applications. They exhibit much better high temperature and high load carrying performance than most conventional nonfood grade greases. The synthetic base fluids used in their formulations exhibit a very high viscosity index making them excellent greases for use over wide temperature ranges. They are available in multiple NLGI Grades, normally NLGI #0 (CINNGUARD 950), NLGI #1 (CINNGUARD 951), and NLGI #2 (CINNGUARD 952).

Operational Benefits: These products offer these competitive advantages to enhance your reliability:

• **Meets USDA (NSF) H-1 (21 CFR 178.3570)** • **Non-Melting - High Temperature-Up to > 500° F (depending on operation)** • **Superior Shear Stability** • **Colorless-Odorless** • **Contains PTFE** • **Synthetic, High VI formulation** • **Excellent lubricity – low friction @ high loads** • **Excellent Tack - Superior Adhesion** • **Superior Low Temperature Pumping** • **Excellent Lubricity - Low Friction @ High Loads**

Application: Excellent for a wide-range of applications throughout food manufacturing facilities.

• **Bearings** • **Slides** • **Gears** • **Couplings** • **High temperature applications** • **Low temperature applications** • **General-purpose greasing**

Typical Industries: These products are commonly used (but not exclusively) in the following industries:

• **Bakeries** • **Bottlers** • **Breweries** • **Canning plants** • **Candy / cookie / snack manufacturing** • **Dairy and dairy product manufacturers** • **Meat / fish / and poultry processors** • **Blow molders / packaging manufacturing** • **Pharmaceutical manufacturing**

International Manufacturer & Distributor of the World's Finest Lubricants & Cleaning Compounds



CINNGUARD 95X Multi-Purpose Greases

Technical Properties

Property	Method	CINNGUARD 950	CINNGUARD 951	CINNGUARD 952
Appearance		Colorless	Colorless	Colorless
NLGI Grade	ASTM D2265	0	1	2
Penetration, 60 Strokes, 77°F, (mm)	ASTM D2265	355 - 385	310 - 340	270 - 285
Base Oil		Synthetic	Synthetic	Synthetic
Base Oil Viscosity (cSt @40°C)	ASTM D445	420	420	420
Thickener Type		Silica	Silica	Silica
Four Ball Wear, scar (mm)	ASTM D2266	<0.4	<0.4	<0.4
Timken OK Load (lb)	ASTM D2782	20	20	20
Dropping Point (°F)	ASTM D2265	None (Non-Melt)	None (Non-Melt)	None (Non-Melt)
Oil Separation (%)	ASTM D1743	(Semi-fluid)	<1.5	<0.5

The values shown are typical of current production. All of them may vary within tolerable ranges.