



H1 Food Machinery Grease

Biobased Lubricating Grease

Part No: 10340, 10342

DESCRIPTION

Food Machinery Grease is formulated with optimized USA-grown natural seed oils that surpass the lubricity of most conventional oils. It is formulated in accordance with the criteria established by USDA H-1 and US FDA regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact". NSF registration No. 142818.

APPLICATIONS

- ▶ Meets the demanding applications of the food processing and beverage industries
- ▶ Excellent for lubrication of bearing, grease lubricated gears and machine slides
- ▶ Replaces and mixes freely with petroleum based grease

BENEFITS

- ▶ Superior lubricity protects moving parts
- ▶ Extreme pressure additives protect under heavy shock loads
- ▶ Protects all ferrous metal components from rust and corrosion
- ▶ Superior adhesion resists water washout
- ▶ Excellent operating temperature range
- ▶ EPA's Environmental Preferable Purchasing (EPP) criteria
- ▶ USDA BioPreferred™ listed and approved
- ▶ Manufactured from renewable USA-grown crop based oils

PERFORMANCE LEVELS

- ▶ Conforms to USDA H-1 rating
- ▶ Conforms to regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact"
- ▶ NSF registered
- ▶ Operating temperature range 32°F (0°C) to +420°F (+215°C)

TYPICAL PROPERTIES

Property	Method	Value
Appearance	visual	Golden
NLGI Grade	2	
Cone Penetration, worked 60X	ASTM D-217	265-295
Four Ball Wear Scar (mm)	ASTM D-2266	0.48
Four Ball Weld Load (kg)	ASTM D-2596	200
Drop Point °C (°F)	ASTM D-2265	273 (523)
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	40
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	8.6
Base Oil Viscosity Index	ASTM D-2270	213
Corrosion	ASTM D-1743	Pass

PACKAGING

14-oz Cartridge

35-lb Plastic Pail

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