



H1 Food Machinery Grease – Grade 1 Biobased Lubricating Grease

Part No: 10346, 10347

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. 145763.

APPLICATIONS

- ▶ Meets the demanding applications of the food processing and beverage industries
- ▶ Ideal for most automatic lubricating systems
- ▶ 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
- ▶ 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 -22°F (-30°C) to +302°F (+150°C)

TYPICAL PROPERTIES

Property	Method	Value
Appearance	visual	Golden
NLGI Grade		1
Cone Penetration, worked 60X	ASTM D-217	310-340
Four Ball Wear Scar (mm)	ASTM D-2266	0.48
Four Ball Weld Load (kg)	ASTM D-2596	200
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

35-lb Plastic Pail

400-lb Metal Drum

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