

# SoyGrease™ Food Machinery

## NLGI Grade 1 & 2

### Premium Biodegradable Food Grade Grease

**DESCRIPTION**

ELM SoyGrease™ Food Machinery 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 U.S. FDA regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact." It has been approved by the NSF.

**APPLICATIONS**

Meets the demanding applications of the food processing and beverage industries. Excellent for lubrication of bearing, grease lubricated gears, and machine slides.

**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 wash out
- Excellent operating temperature range
- Meets USDA's proposed Biobased product definition for EO 13101
- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Made from renewable USA-grown crop-based oils
- Meets State of Iowa Senate File - SF 2185 and 2249

**PERFORMANCE LEVELS**

- Conforms to USDA H-1 rating
- Conforms to regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact."
- NSF Registered

**TYPICAL PROPERTIES**

NLGI Grade	1	2
Appearance	Golden	Golden
Penetration, 60 strokes ASTM D-217	340	280
Four Ball Wear Scar (mm)	0.48	0.48
Four Ball Weld Load (kg)	200	200
Corrosion, ASTM D-1743	Pass	Pass
Base Oil Viscosity at 40°C	40	40
Base Oil Viscosity at 100°C	8.6	8.6
Base Oil Viscosity Index	213	213

**PACKAGING**

35 lb Pails and 120 lb Drums  
 14.5 Ounce tubes available (Special Order)

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