



FOOD GRADE GREASE

HIGH QUALITY FOOD MACHINERY & PROCESSING GREASE

TECHNICAL INFORMATION

Product Description

- Complies with FDA regulations for "incidental food contact" (formerly H1)
- High performance mineral base oil
- Exceptional mechanical stability
- High load carrying properties
- Excellent thermal stability
- Exceptional resistance to water and corrosion
- Uses a complex calcium sulfonate thickener
- Incredible wear and friction reduction

Typical Properties

Properties	Method	Results
Appearance		Tan
Consistency, Worked Penetration, mm/10	ASTM D217	280
Dropping Point	ASTM D2265	318°C
Timken Ok Load	ASTM D2509	29.2kg
Oil separation	ASTM D1742	0.1% W
Low temperature torque, -40°C	ASTM D4693	11 Nm

Test Data

Property	Method	Results
4 Ball EP - Load Wear Index - Weld Point	ASTM D2596	55 Kgf 400 Kgf
4 Ball Wear, Scar Diameter (40kg, 1200 rpm, 75°C, 1hr)	ASTM D2266	0.45 mm
Wheel Bearing Leakage	ASTM D4290	1.0 g
Rust Test Rating	ASTM D1743	Pass
Salt Fog (hours to failure, 1mil d.f.t.)	ASTM B117	>300
Copper Corrosion	ASTM D4048	1B
Bearing Life	ASTM D3527	180 hrs
Bomb Oxidation (psi drop after 1000hrs)	ASTM D942	5.0
Shell Roll, % change from baseline	ASTM D1831	2.1
Water Washout, 79°C	ASTM D1264	0.3% loss