



PRODUCT DATA SHEET



NO-TOX[®] FOOD GRADE OPEN GEAR GREASE

No-Tox Food Grade Open Gear Grease is a heavy grease made from semi-synthetic, food grade base fluids thickened with silica gelling agents or aluminum complex thickeners. **No-Tox Food Grade Open Gear Grease 3** is a non-melting, tacky gear grease with a high viscosity semi-synthetic base fluid. It is ideal for low speed, high torque gears and sliding surface applications found in the “clean” industries such as food, beverage, pharmaceutical and personal care products. **No-Tox Food Grade Open Gear Grease 0** is an aluminum complex thickened, tacky grease with a high viscosity semi-synthetic base fluid and Extreme Pressure (EP) properties. **No-Tox Food Grade Open Gear Grease 0** is suitable for lubrications of bearings in drum dryers and sugarcane mills.

Applications

- ◆ Slow moving open gears,
- ◆ Sliding surfaces
- ◆ Sugarcane mills - open gears and brass bushings

Features and Benefits

- | | |
|------------------------------|---------------------------------------------------------------------------------------|
| ◆ NSF H1 registered | Use where incidental food contact may occur. |
| ◆ Bacteriological protection | Effectively inhibits the growth of certain bacteria, yeast and mold in the lubricant. |
| ◆ Compliances | Kosher and Pareve approved. Halal certified. |
| ◆ Extremely tacky | Adheres to surfaces. |
| ◆ Waterproof | Resists water or juice washouts. |

General Description

No-Tox Food Grade Open Gear Grease is extremely tenacious and will not be squeezed out of open gears. **No-Tox Food Grade Open Gear Grease** is ideal for low speed, high torque gears and sliding surface applications. **No-Tox Food Grade Open Gear Grease**, formulated with the highest quality USP white mineral oils, synthetic hydrocarbons and food grade additives, meets NSF H1 and FDA requirements for materials that may have incidental contact with food as defined under Title 21 CFR, 178.3570. It is Kosher and Pareve approved, as well as Halal certified.

Product No. 301572, 301599

NO-TOX[®] FOOD GRADE OPEN GEAR GREASE
TYPICAL PROPERTIES

<u>Product No.</u>	<u>301572</u>	<u>301599</u>
<u>Old Product No.</u>	<u>62450</u>	<u>65400</u>
NLGI Grade	3	0
Penetration, worked (60 strokes), ASTM D217 mm/10	235	370
Thickener Type	Silica	Aluminum Complex
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	35,000	5,700
@ 100°C, cSt	350	120
Viscosity (Base Fluid), ASTM D2161 @ 210°F, SUS	1730	588
Copper Strip Corrosion, ASTM D4048 24 hrs @ 100°C, rating	1b	1b
Lubricating Solids Type	PTFE	EP Additives
4-Ball EP Test, ASTM D2596 Last Non-seize Load, kg	--	126
Weld Load, kg	200	500
Load Wear Index, kg	--	108
4-Ball Wear Test, ASTM D2266 @ 1200 rpm, 40 kg, 1 hr, 75°C Scar Diameter, mm	--	0.45
Useful Temperature Range °C	10 to 177	-10 to 177
(°F)	(50 to 350)	(14 to 350)
Texture	Smooth and Tacky	Smooth and Tacky
Color	White	White