



PRODUCT DATA SHEET



NO-TOX[®] FOOD GRADE HIGH SPEED GREASE

No-Tox Food Grade High Speed Grease, commonly known as No-Tox Hi Speed Lubricant, is a synthetic based, aluminum complex food machinery grease and is NSF H1 registered for use where incidental food contact may occur. It is specifically designed to lubricate high speed bearings found in the “clean” industries such as food, beverage, pharmaceutical and personal care products. **No-Tox Food Grade High Speed Grease** is extremely waterproof and contains anti-wear additives to protect bearings from surface damage and provide anti-rust properties.

Applications

- ◆ High speed bearings with DN value up to 800,000
- ◆ Bearings that require a low viscosity base oil
- ◆ Wet environments

Features and Benefits

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| ◆ NSF H1 registered | Use where incidental food contact may occur. |
| ◆ Compliances | Kosher and Pareve approved. Halal certified. |
| ◆ Bacteriological protection | Effectively inhibits the growth of certain bacteria, yeast and mold in the lubricant. |
| ◆ Aluminum complex thickener | Shear stable, resists water washout. |
| ◆ Synthetic base oil | Good low temperature properties and oxidation resistance |
| ◆ Anti-wear properties | Reduces friction and wear. |

General Description

No-Tox Food Grade High Speed Grease is a synthetic based aluminum complex food machinery grease. The aluminum complex thickener, along with the synthetic base oil and superior additive system, combine to make it an ideal choice for most high speed bearing applications with DN value up to 800,000. **No-Tox Food Grade High Speed Grease**, formulated with the highest quality synthetic oils 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. 301575

NO-TOX[®] FOOD GRADE HIGH SPEED GREASE
TYPICAL PROPERTIES

<u>Product No.</u>	<u>301575</u>
<u>Old Product No.</u>	<u>62570</u>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	280
Thickener Type	Aluminum Complex
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt @ 100°C, cSt	31.0 5.90
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS @ 210°F, SUS	159 45.9
Viscosity Index (Base Fluid), ASTM D2270	135
Dropping Point, ASTM D2265 °C (°F)	>260 (>500)
Lubricating Solid Type	PTFE
4-Ball Wear Test, ASTM D2266 @ 1200 rpm, 40 kg, 1 hr, 75°C Scar diameter, mm	0.35
Useful Temperature Range °C (°F)	-57 to 177 (-70 to 350)
Texture	Smooth
Appearance	Translucent
Color	White