



PRODUCT DATA SHEET



NO-TOX[®] FOOD GRADE LOW TEMPERATURE GREASE

No-Tox Food Grade Low Temperature Grease, commonly known as No-Tox Minus 90 Grease, is a synthetic based, aluminum complex grease with exceptional low temperature properties and is NSF H1 registered for use where incidental food contact may occur.

No-Tox Food Grade Low Temperature Grease is an excellent lubricant for use in freezers, chillers and coolers at extremely low temperatures. It has exceptional anti-wear properties which make it ideal for bearings operating in freezers and chillers found in the “clean” industries such as food, beverage, pharmaceutical and personal care products.

Applications

- ◆ Freezer, chiller and cold box applications, freeze-drying operations down to -68°C (-90°F)
- ◆ Also suitable for high temperature operations up to 177°C (350°F)
- ◆ Pharmaceutical and beverage industries
- ◆ High speed bearings

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. |
| ◆ Outstanding anti-wear properties | Long life equipment protection. |
| ◆ Fully synthetic | Excellent low temperature mobility. |

General Description

No-Tox Food Grade Low Temperature Grease is synthetic based, aluminum complex grease designed for low temperature performance. It provides outstanding anti-wear properties.

No-Tox Food Grade Low Temperature has excellent resistance to water washout.

No-Tox Food Grade Low Temperature Grease is NSF H1 registered and its components meet 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. 301573

NO-TOX[®] FOOD GRADE LOW TEMPERATURE GREASE

TYPICAL PROPERTIES

<u>Product No.</u>	<u>301573</u>
<u>Old Product No.</u>	<u>62470</u>
NLGI Grade	1
Penetration, worked (60 strokes), ASTM D217 mm/10	325
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
Pour Point (Base Fluid), ASTM D97 °C (°F)	-62 (-80)
Dropping Point, ASTM D2265 °C (°F)	>260 (>500)
Low Temperature Performance, ASTM D1478 Starting torque @ -68°C (-90°F), g·cm Torque after 1 hr @ -68°C (-90°F), g·cm	8008 891
Lubricating Solids Type	PTFE, ZnO
4-Ball EP Test, ASTM D2596 Weld Load, kg	200
Useful Temperature Range °C (°F)	-68 to 177 (-90 to 350)
Color	White