



# PRODUCT DATA SHEET



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## NO-TOX<sup>®</sup> FOOD GRADE EXTREME PRESSURE GREASE

**No-Tox Food Grade Extreme Pressure Grease**, commonly known as No-Tox EP Grease, is a white mineral oil based, aluminum complex grease and is NSF H1 registered for use where incidental food contact may occur. It is fortified with non-toxic lubricating solids, Extreme Pressure and anti-wear additives, and rust and corrosion inhibitors. **No-Tox Food Grade Extreme Pressure Grease** is a low friction, waterproof grease that remains in place, protecting components from wear and corrosion.

### *Applications*

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- ◆ Plain and anti-friction bearings
- ◆ Lightly loaded gears
- ◆ Extreme pressure applications
- ◆ Wet and wash-down areas
- ◆ Most heavy-duty grease applications in food and beverage plants where extreme pressure performance is required

### *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.                 |
| ◆ Extremely waterproof                      | Protects machine components subjected to high moisture operating conditions and wash-down procedures. |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time.           |

### *General Description*

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**No-Tox Food Grade Extreme Pressure Grease** is formulated with the highest quality ingredients. **No-Tox Food Grade Extreme Pressure Grease** 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. 301243, 301582, 301583**

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*With continual research and development, Calumet reserves the right to change the information contained herein. The Company is not responsible for misuse or misapplication of its products.*

1/2/2018

**NO-TOX<sup>®</sup> FOOD GRADE EXTREME PRESSURE GREASE**  
TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>301243</u></b>	<b><u>301582</u></b>	<b><u>301583</u></b>
<b><u>Old Product No.</u></b>	<b><u>63100</u></b>	<b><u>63110</u></b>	<b><u>63120</u></b>
NLGI Grade	0	1	2
Penetration, worked (60 strokes), ASTM D217 mm/10	370	325	280
Thickener Type	Aluminum Complex	Aluminum Complex	Aluminum Complex
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	106	106	106
@ 100°C, cSt	11.6	11.6	11.6
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	554	554	554
@ 210°F, SUS	66.2	66.2	66.2
Dropping Point, ASTM D2265 °C	240	>260	>260
(°F)	(464)	(>500)	(>500)
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	3.9	3.2	4.2
4-Ball EP Test, ASTM D2596 Weld Load, kg	250	250	500
Rust Protection, ASTM D1743, rating	Pass	Pass	Pass
Flash Point (Base Fluid), ASTM D92 °C	260	260	260
(°F)	500	500	500
Density, ASTM D1475, @ 16°C (60°F), lb/gal	7.29	7.35	7.41
Color	White	White	White