



# PRODUCT DATA SHEET



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## NO-TOX<sup>®</sup> FOOD GRADE SEAMER OIL

**No-Tox Food Grade Seamer Oil**, commonly known as No-Tox Seamer Oil E, is a high performance lubricant with exceptional anti-wear and emulsibility and is NSF H1 registered for use where incidental food contact may occur. Its anti-wear and oxidation protection properties increase equipment life and decrease downtime. **No-Tox Food Grade Seamer Oil** is designed to lubricate and clean components that are exposed to moisture in the form of water, fruit and vegetable juices and soft drinks. **No-Tox Food Grade Seamer Oil** is recommended for can seaming equipment and similar applications found in “clean” beverage and food processing plants. **No-Tox Food Grade Seamer Oil** can be applied through Manzel lubricators and other automatic lubricating systems.

### *Applications*

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- ◆ Angelus can seamers
- ◆ FMC Rotary Cookers and Sterilizers
- ◆ Circulating oil systems where contamination with water or food juice may occur
- ◆ Chains involving high humidity conditions

### *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 performance | Excellent equipment protection while maintaining superior film strength in extreme application conditions. |
| ◆ Excellent emulsibility            | Provides excellent rust protection and reduces equipment maintenance periods and downtime.                 |

### *General Description*

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**No-Tox Food Grade Seamer Oil** is formulated for exceptional anti-wear and water emulsibility performance. The oil effectively lubricates and cleans components where equipment is subject to water juices and soft drinks. **No-Tox Food Grade Seamer Oil** is formulated with the highest quality USP white mineral oils and food grade additives and 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. 301589, 301312, 301313**

**NO-TOX<sup>®</sup> FOOD GRADE SEAMER OIL**  
TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>301589</u></b>	<b><u>301312</u></b>	<b><u>301313</u></b>
<b><u>Old Product No.</u></b>	<b><u>64226</u></b>	<b><u>64227</u></b>	<b><u>64228</u></b>
ISO Viscosity Grade	100	150	220
AGMA Grade	3	4	5
Viscosity, ASTM D445			
@ 40°C, cSt	98.1	150	220
@ 100°C, cSt	11.4	15.2	19.8
Viscosity, ASTM D2161			
@ 100°F, SUS	511	786	1160
@ 210°F, SUS	65.4	80.5	100
Viscosity Index, ASTM D2270	103	102	103
Pour Point, ASTM D97			
°C	-12	-9	-9
(°F)	(10)	(15)	(15)
Copper Strip Corrosion, ASTM D130			
3 hrs @ 100°C, rating	1a	1a	1a
Rust Test, ASTM D665, Procedure A & B	Pass	Pass	Pass
Demulsibility, ASTM D1401			
Oil/water/emulsion (time), ml/ml/ml (min)	0/24/56 (30)	0/21/59 (30)	0/31/49 (30)
Falex EP Test, ASTM D3233 Method B			
Non-seizure Load, lbf	1250	1250	1250
4-Ball Wear Test, ASTM D4172			
@ 1200 rpm, 40 kg, 1 hr, 75°C			
Scar Diameter, mm	0.40	0.40	0.40
Color	Water white	Water white	Water white