



Bel-Ray Company, Inc.

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BEL-RAY[®] NO-TOX[®] EP GREASE

Bel-Ray No-Tox EP Grease is a heavy-duty, extreme pressure grease made exclusively from ingredients approved by the FDA.

Applications

- ◆ 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. |
| ◆ Extremely waterproof | Protects machine components subjected to high moisture operating conditions and wash-down procedures. |
| ◆ Mechanically stable | Retains its original consistency. |
| ◆ Excellent extreme pressure properties | Good shock load and boundary lubrication. |

General Description

Bel-Ray No-Tox EP Grease is engineered for use when industry demands a heavy-duty extreme pressure grease. It is available in three (3) consistencies. It contains an extreme pressure additive system along with excellent oxidation- and corrosion inhibitors for applications in the "clean" industries such as food, beverage, pharmaceutical and personal care products.

Bel-Ray No-Tox EP Grease, formulated with the highest quality ingredients, 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.

Product No. 63100, 63110, 63120

BEL-RAY[®] NO-TOX[®] EP GREASE

TYPICAL PROPERTIES

<u>Product No.</u>	<u>63100</u>	<u>63110</u>	<u>63120</u>
Bel-Ray Name Grade	0	1	2
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	104	104	104
@ 100°C, cSt	11.8	11.8	11.8
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	542	542	542
@ 210°F, SUS	66.9	66.9	66.9
Dropping Point, ASTM D2265 °C	240	>260	>260
(°F)	(464)	(>500)	(>500)
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	--	6.2	5.9
4-Ball EP Test, ASTM D2596 Weld Load, kg	500	500	500
Flash Point (Base Fluid), ASTM D92 °C	250	250	250
(°F)	(482)	(482)	(482)
Rust Protection, ASTM D1743, rating	Pass	Pass	Pass
Density, ASTM D1475, @ 16°C (60°F), lb/gal	7.30	7.35	7.41
Texture	Smooth	Smooth	Smooth
Color	White	White	White