



Bel-Ray Company, Inc.

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BEL-RAY[®] NO-TOX[®] HD GREASE TC

Bel-Ray No-Tox HD Grease TC is a food machinery grease that is extremely tacky, white in color, odorless, tasteless and waterproof. It is a high performance, general purpose grease specifically designed for applications that require extreme pressure properties with excellent resistance to water washout.

Applications

- ◆ Plain and anti-friction bearings
- ◆ Bushings, slides, guides and other moving parts
- ◆ Gears, cams, sleeve lined bearings
- ◆ Extreme pressure applications
- ◆ Wet and wash-down areas
- ◆ Heavy-duty grease applications in food and beverage plants

Features and Benefits

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|------------------------------------|--|
| ◆ NSF H1 registered | Use where incidental food contact may occur. |
| ◆ Aluminum complex thickener | Shear stable. Resists water washout. |
| ◆ Extremely tacky | Excellent in adverse environments - stays put. |
| ◆ Anti-wear properties | Reduces friction and wear. |
| ◆ Rust and oxidation protection | Longer relubrication cycles. |
| ◆ Mild extreme pressure properties | Resists shock loads. |

General Description

Bel-Ray No-Tox HD Grease TC is a heavy-duty, extremely tacky, waterproof lubricant ideal for grease applications found in the "clean" industries such as food, beverage, pharmaceutical and personal care products. The aluminum complex thickener, along with the high quality base oil and superior additive system, combine to make it an ideal choice for most applications that require protection against extreme pressure, wear, oxidation, rust and corrosion in addition to exceptional shear stability. It is available in three (3) grades to fit most applications.

Bel-Ray No-Tox HD Grease TC, formulated with the highest quality USP white mineral 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.

Product No. 62160, 62180, 62170

BEL-RAY[®] NO-TOX[®] HD GREASE TC
TYPICAL PROPERTIES

<u>Product No.</u>	<u>62160</u>	<u>62180</u>	<u>62170</u>
Bel-Ray Name Grade	0 TC	1 TC	2 TC
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	208	208	208
@ 100°C, cSt	18.5	18.5	18.5
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	1100	1100	1100
@ 210°F, SUS	94.7	94.7	94.7
Viscosity Index (Base Fluid), ASTM D2270	98	98	98
Dropping Point, ASTM D2265 °C	240	>260	>260
(°F)	(464)	(>500)	(>500)
Lubricating Solids Type	PTFE, ZnO	PTFE, ZnO	PTFE, ZnO
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	--	3.3	0.5
4-Ball EP Test, ASTM D2596 Weld Load, kg	200	200	200
Rust Protection, ASTM D1743, rating	Pass	Pass	Pass
Density, ASTM D1475, @ 16°C (60°F), lb/gal	7.40	7.50	7.61
Texture	Smooth-Tacky	Smooth-Tacky	Smooth-Tacky
Color	White	White	White