



Using Bel-Ray® lubricants on your machinery gives your entire business a boost. We help reduce costs and increase production across a wide range of industries.

Bel-Ray® releases the full potential of your machinery. Each moving part works more efficiently, which reduces your energy consumption and gives your equipment a longer life expectancy. You cut costs on maintenance and replacement parts because there's less wear and tear. Choose Bel-Ray® products and you're choosing to make your machinery more effective.

Bel-Ray® is manufactured in the USA, combining the latest technology with the finest raw materials.

Take care of your production line as well as your bottom line. Give us a call today.

LEGACY

For 70 years, Bel-Ray® products have proven their value, setting the highest standards in quality and performance. As a leader in lubrication technology, our products have been engineered to protect while delivering superior business value for applications in aerospace, automotive, energy, food, marine, military, mining, motorcycle, OEM, powersports, steel, textile and other industries served by our Powersports, Industrial, Mining and Marine Divisions.

VALUE

- 70 years experience
- On-site R&D
- Unrivalled customer support
- Products made in the USA
- Global distribution
- Strategic network of regional offices

SUSTAINABILITY



Environmental Carbon Management (ECM) reduces the overall carbon footprint with responsible waste management and eco-friendly/partially recycled products, packaging, collateral and more. Look for the ECM logo on all Bel-Ray® products!

PACKAGE & AVAILABILITY

Bel-Ray® Food Grade Lubricants are available in a variety of sizes, please contact customer or technical services for more information.

As part of our commitment to quality and success, Bel-Ray® continually develops new products to better serve your industrial needs. For the most current product selection, please visit belray.com.

BELRAY.COM



NO-TOX®
FOOD GRADE
LUBRICATION
GUIDE
FOOD GRADE LUBRICANTS



NO-TOX[®] FOOD GRADE LUBRICATION GUIDE

BELRAY.COM



WHITE MINERAL



SYNTHETIC

NSF[®] (H1) NO-TOX[®] FOOD GRADE LUBRICANTS

BEARING LUBRICATION

LOCATION & EQUIPMENT	LUBRICATION POINT	RECOMMENDED NSF [®] (H1) FOOD GRADE LUBRICANTS	PRODUCT NUMBER	MIN/ SYN
General Equipment	Pillow/Pillar Block/Flange	No-Tox [®] HD Food Grade Grease 1, 2	62270, 62280	M
General Equipment <small>-40°C (-40°F) to 204°C (400°F)</small>	Bearings/Bushings/Flange	No-Tox [®] Food Grade Synthetic EP Grease 1, 2	65380, 65390	S
General Equipment	Bearings/Bushings	No-Tox Food Grade Clear Grease 1, 2	62250, 62260	M
General Equipment	Acidic Conditions/Bearings	No-Tox [®] Food Grade Acid Resistant Grease 1, 2	64093, 64094	M
Low Temperature <small>Down to -68°C (-90°F)</small>	Freezer Bearings	No-Tox [®] Food Grade Low Temperature Grease	62470	S
Pumps	Pump Bearings	No-Tox [®] Syntra Food Grade Synthetic Oil 46, 68	64235, 64236	S

CHAIN LUBRICATION

LOCATION & EQUIPMENT	LUBRICATION POINT	RECOMMENDED NSF [®] (H1) FOOD GRADE LUBRICANTS	PRODUCT NUMBER	MIN/ SYN
General Equipment	Roller Chains	No-Tox [®] Food Grade Waterproof Chain Lubricant Spray	64070	M
Conveyor Gravity Feed Automatic Oilers	Roller Chain Oilers	No-Tox [®] HD Food Grade Oil 100	62685	M
Spiral Freezer & Chiller <small>Down to -63°C (-81°F)</small>	Low Temperature Chains	No-Tox [®] Syntra Food Grade Synthetic Oil 32	64234	S
Ovens Chains <small>Up to 260°C (500°F)</small>	All Temperature Chains	No-Tox [®] Food Grade High Temperature Oil 220	62577	S
High Temp Chains <small>Up to 200°C (392°F)</small>	Roller Chains	No-Tox [®] Syntex Food Grade Synthetic PAG Oil 220	61792	S

COMPRESSOR & VACUUM PUMP LUBRICATION

LOCATION & EQUIPMENT	LUBRICATION POINT	RECOMMENDED NSF [®] (H1) FOOD GRADE LUBRICANTS	PRODUCT NUMBER	MIN/ SYN
Refrigeration Compressor <small>(See Technical Bulletin)</small>	Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 46, 68	64235, 64236	S
Compressors	Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 32, 46, 68	64234, 64235, 64236	S
Compressors	Reservoir	No-Tox [®] HD Food Grade Oil 32, 46, 68	62682, 62683, 62684	M
Vacuum Pumps	Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 68, 100, 150	64236, 64237, 64238	S
Vacuum Pumps	Reservoir	No-Tox [®] HD Food Grade Oil 68, 100, 150	62684, 62685, 62686	M

GEAR LUBRICATION

LOCATION & EQUIPMENT	LUBRICATION POINT	RECOMMENDED NSF [®] (H1) FOOD GRADE LUBRICANTS	PRODUCT NUMBER	MIN/ SYN
Worm Gears	GBX Reservoir	No-Tox [®] HD Food Grade Oil 460, 680	62689, 62690	M
Worm Gears <small>(Check Oil Compatibility Prior to Mixing)</small>	GBX Reservoir	No-Tox [®] Syntex Food Grade Syn PAG Oil 460, 680	61796, 61798	S
Worm Gears	GBX Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 460, 680	64241, 64242	S
Helical Gears	GBX Reservoir	No-Tox [®] HD Food Grade Oil 220, 320	62687, 62688	M
Helical Gears	GBX Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 220, 320	64239, 64240	S
Open Gears	Open Gear Teeth	No-Tox [®] Food Grade Open Gear Grease 3	62450	M

HYDRAULIC & PNEUMATIC LUBRICATION

LOCATION & EQUIPMENT	LUBRICATION POINT	RECOMMENDED NSF [®] (H1) FOOD GRADE LUBRICANTS	PRODUCT NUMBER	MIN/ SYN
Hydraulic Units	Hydraulic Reservoir	No-Tox [®] HD Food Grade Oil 32, 46, 68	62682, 62683, 62684	M
Hydraulic Central Systems	Hydraulic Reservoir	No-Tox [®] HD Food Grade Oil 32, 46, 68	62682, 62683, 62684	M
Hydraulic Units	Hydraulic Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 32, 46, 68	64234, 64235, 64236	S
Hydraulic Central Systems	Hydraulic Reservoir	No-Tox [®] Syntra Food Grade Synthetic Oil 32, 46, 68	64234, 64235, 64236	S
Fire Resistant (Water Glycol) <small>FM 6930 Approved</small>	Hydraulic Reservoir	No-Tox [®] Food Grade Fire Resistant Hydraulic Oil 46	77046	S
Airline Lubricators	Airline Lubricator	No-Tox [®] Food Grade Air Line Lubricant	62050	M

SPECIALTY & GENERAL MAINTENANCE LUBRICATION

LOCATION & EQUIPMENT	LUBRICATION POINT	RECOMMENDED NSF [®] (H1) FOOD GRADE LUBRICANTS	PRODUCT NUMBER	MIN/ SYN
Conveyor Guides/Wear Strips	Slides & Guides	No-Tox [®] Food Grade Silicone Lubricant Spray	61780	S
Valves and "O" Rings	Seals, Gaskets, Miscellaneous	No-Tox [®] Food Grade Silicone Valve Seal Lubricant	64100	S
Light Oiling/Penetrating	Nuts, Bolts, Miscellaneous	No-Tox [®] Food Grade Penetrating Lubricant	76000	M
White Grease Aerosol	Gears, Cams, Sleeve Bearings	No-Tox [®] Food Grade White Grease Spray	62440	M
Multipurpose Lubricant Aerosol	Chains, Cables, Miscellaneous	No-Tox [®] Food Grade Multipurpose Lubricant Spray	61881	M
Anti-Seize	Assembly Lube, Threads, OGL	No-Tox [®] Food Grade Anti-Seize Compound	64170	S
Dry PTFE Aerosol	Chains, Slides, Miscellaneous	No-Tox [®] Food Grade Dry PTFE Spray	61710	S