BAKERY LUBRICATION GUIDE

H1 - 3H FOOD GRADE LUBRICANTS

BEL-RAY TOTAL PERFORMANCE LUBRICANTS

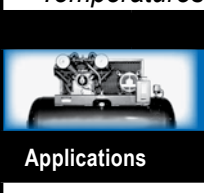
FLEX YOUR ENGINE

BEARING LUBRICATION

Applications	Product Name	NSF	Product Number	Speed	Temperature	NLGI Grade	Base Oil - ISO VG	Thickener	Color
General Equipment *Pillow/Pillar Block/Flange*	No-Tox HD Food Grade Grease 1, 2	H1	62270, 62280	Medium	Medium	1 & 2	220	Aluminum Complex	White
General Equipment *Plain Bearings/Bushings*	No-Tox Food Grade Clear Grease 1, 2	H1	62250, 62260	Medium-High	Medium	1 & 2	100	Aluminum Complex	Clear
Ovens *Temperatures up to 204°C (400°F)*	Non-Melt Grease	*	55620	Low-Medium	Medium-High	2	320	Organoclay	Amber
Ovens *Sustained temps up to 149°C (300°F)*	No-Tox Food Grade Silicone Grease	H1	41800	Low-Medium	All	2	320	Inorganic	White
Ovens *Temperatures up to 260°C (500°F)*	No-Tox Food Grade Perfluro Polyether Grease	H1	58860	Low-Medium	All	2	320	Inorganic	White
Spiral Freezers *Temperatures down to -68°C (-90°F)*	No-Tox Food Grade Low Temperature Grease	H1	62470	Medium-High	Low-Medium	1	32	Aluminum Complex	White
Pump Bearings	No-Tox Syntra Food Grade Oil 46,68,100	H1	64235, 64236, 64237	Medium-High	All	N/A	46, 68, 100	N/A	Colorless

CHAIN LUBRICATION

Applications	Product Name	NSF	Product Number	Viscosity-ISO VG	Color	Temperature	Penetrating	Emulsible with Water	Self-Cleaning
General Equipment *Roller Chains*	No-Tox Food Grade Waterproof Chain Lubricant Spray	H1	64070	460	White Foam	Medium	●	●	
Ovens *Temperatures up to 900°C (1652°F)*	Bakerylube Food Grade Oven Chain Lubricant Heavy	H1	62057	460	White	Medium-High			●
Ovens	Bakerylube Oven Chain Lubricant Series (3 types)	*	Contact Bel-Ray	N/A	Black	Medium-High	●		
Ovens *Temperatures up to 260°C (500°F)*	No-Tox Food Grade High Temperature Oil 220	H1	62577	220	Yellow	All	●		●
Proofers	No-Tox Food Grade Waterproof Chain Lubricant Spray	H1	64070	460	White Foam	Medium	●	●	
Spiral Freezers *Temperatures down to -63°C (-81°F)*	No-Tox Syntra Food Grade Synthetic Oil 32	H1	64234	32	Colorless	All	●		



COMPRESSOR & VACUUM PUMP LUBRICATION

Applications	Product Name	NSF	Product Number	Viscosity-ISO VG	Color	Temperature	Equipment Type
Compressors/Refrigeration	No-Tox Syntra Food Grade Synthetic Oil 32, 46, 68	H1	64234, 64235, 64236	32, 46, 68	Colorless	All	Rotary / Centrifugal / Ammonia
Compressors	No-Tox Syntra Food Grade Synthetic Oil 100	H1	64237	100	Colorless	All	Reciprocating / Centrifugal
Compressors	No-Tox HD Food Grade Oil 46, 68	H1	62683, 62684	46, 68	Colorless	Medium	Rotary
Vacuum Pumps	No-Tox Syntra Food Grade Synthetic Oil 68, 100, 150	H1	64236, 64237, 64238	68, 100, 150	Colorless	All	N/A
Vacuum Pumps	No-Tox HD Food Grade Oil 68, 100, 150	H1	62684, 62685, 62686	68, 100, 150	Colorless	Medium	N/A

DOUGH DIVIDER LUBRICATION

Applications	Product Name	NSF	Product Number	Viscosity-ISO VG	NLGI Grade	Color
Automatic Lubrication Systems	No-Tox Food Grade Divider Oil 15, 32, 68	3H	21100, 24400, 62320	15, 32, 68	N/A	Clear
Cams/Bearings	No-Tox HD Food Grade Grease 2	H1	62280	220 (Base)	2	White
Gears	No-Tox HD Food Grade Oil 220	H1	64239	220	N/A	Colorless

GEAR LUBRICATION

Applications	Product Name	NSF	Product Number	Viscosity-ISO VG	NLGI Grade	Temperature	Color
Worm Gears	No-Tox HD Food Grade Oil 460, 680	H1	62689, 62690	460, 680	N/A	Medium	Colorless
Worm Gears	No-Tox Syntra Food Grade Synthetic Oil 460, 680	H1	64241, 64242	460, 680	N/A	All	Colorless
Helical Gears	No-Tox HD Food Grade Oil 220, 320	H1	62687, 62688	220, 320	N/A	Medium	Colorless
Helical Gears	No-Tox Syntra Food Grade Synthetic Oil 220, 320, 460	H1	64239, 64240, 64241	220, 320, 460	N/A	All	Colorless
Open Gears	No-Tox Food Grade Open Gear Grease 3	H1	62450	N/A	3	Medium	White
Spiral Freezer Gearboxes *Temperatures down to -63°C (-81°F)*	Please contact Bel-Ray Technical Service at TSQ@belray.com for proper lubricant selection.						

HYDRAULIC & PNEUMATIC LUBRICATION

Applications	Product Name	NSF	Product Number	Viscosity-ISO VG	Color	Temperature	Ashless
Hydraulic Systems	No-Tox HD Food Grade Oil 32, 46, 68	H1	62682, 62683, 62684	32, 46, 68	Colorless	Medium-High	●
Hydraulic Systems	No-Tox Syntra Food Grade Oil 32, 46, 68	H1	64234, 64235, 64236	32, 46, 68	Colorless	All	●
Air Line Lubricators	No-Tox Food Grade Air Line Lubricant	H1	62050	22	Colorless	Medium-High	●

SPECIALTY & GENERAL MAINTENANCE LUBRICATION

Applications	Product Name	NSF	Product Number	Viscosity-ISO VG	NLGI Grade	Temperature	Color
Conveyor Guides/Wear Strips	No-Tox Food Grade Silicone Lubricant Spray	H1	61780	N/A	N/A	All	Colorless
Valves and 'O' Rings	No-Tox Food Grade Silicone Valve Seal Lubricant	H1	64100	N/A	3	All	White
Light Oiling/Penetrating	No-Tox Food Grade Penetrating Lubricant	H1	76000	7	N/A	Low-Medium	Colorless
White Grease Aerosol	No-Tox Food Grade White Grease Spray	H1	62440	N/A	N/A	Medium	White
Multipurpose Lubricant Aerosol	No-Tox Food Grade Multipurpose Lubricant Spray	H1	61881	100	N/A	Medium	Colorless
Anti-Seize	No-Tox Food Grade Anti-Seize Compound	H1	64170	N/A	1	All	White

■ = SYNTHETIC/SILICONE LUBRICANTS ☐ = MINERAL OIL LUBRICANTS ■ = NSF REGISTERED

H1 = Lubricants with incidental food contact 3H = Release agent * = Lubricants with no food contact

All Bel-Ray products are Kosher and Pareve approved.
All Bel-Ray NSF registered H1, HT1 and 3H products are Halal certified.

BELRAY.COM

FLEX YOUR ENGINE

Using Bel-Ray to lubricate 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 down 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. **FLEX YOUR PRODUCTION.**

LEGACY

For over 60 years, Bel-Ray products have proven their value, setting the highest standards of 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 and Mining Divisions.

VALUE

- Over 60 years' experience
- On-site R&D
- Unrivaled customer support
- Global distribution
- Products made in the USA
- Strategic network of regional offices

SUSTAINABILITY

ENVIRONMENTAL CARBON MANAGEMENT

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!

ISO NSF USDA FDA anp FSIS AQIS Canadian Food Inspection Agency K HALAL

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.

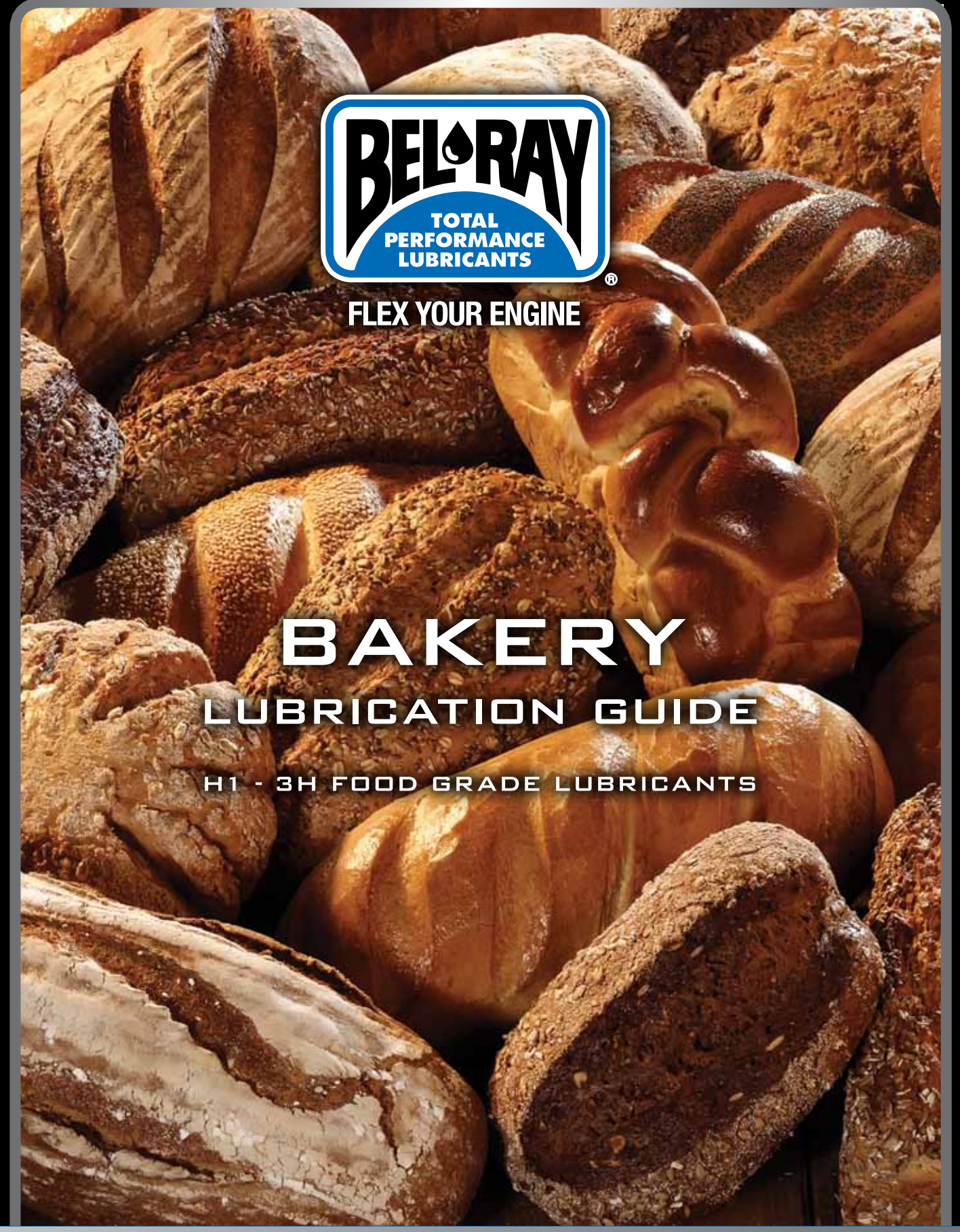
CHECK OUT OUR NEW WEBSITE WITH NEW FEATURES:

BELRAY.COM

YouTube MADE IN THE U.S.A.

P.O. BOX 526
FARMINGDALE, NJ 07727, USA

TEL +1-732-938-2421 FAX +1-732-938-4232

FLEX YOUR ENGINE

MWLCH12BA