Renewable Lubricants, Inc.
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Bio-Food Grade™ General Purpose (Food Safe Release Agent) 3H, H1, H2

Bio-Food Grade™ General Purpose is a special vegetable oil-based formula (no petroleum) that contains ingredients which are 'Generally Regarded as Safe' (GRAS) for food applications. This product is registered NSF 3H as a Release Agent for Food Contact[1] and because it is totally formulated with edible food ingredients, it provides the safest product to prevent sticking of corn tortillas, corn chips, tacos, potato chips, pretzels, cookies, etc., on belts and conveyors, or metal slats in ovens. Contains no animal byproducts and are manufactured under kosher supervision.

In addition, this biobased product is acceptable for use as a Release Agent for grills, ovens, loaf pans, boning benches, chopping boards, canning lids, knife cutting and honing oil, or other hard surfaces in **contact** with meat, fish, and poultry food products to prevent food from adhering during processing. It performs as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a light general purpose lubricant in applications where there is a very high possibility of the lubricant coming into direct contact with food products. As a vegetable oil Release Agent, it provides excellent oxidative stability and high biodegradability and can be used in environmentally sensitive areas such as in agriculture, marine, and food processing plants.

This is an ENVIRONMENTALLY RESPONSIBLE, biodegradable lubricant that is formulated from renewable agricultural plant resources. Earth's environmental future rests in the use of renewable material.

NSF Registration	**140449 3H, H1, H2**
Typical Specifications	
Specific Gravity @60°F.	.91
VISCOSITIES:	
@100°C., cSt. (D-445)	8.5
@40°C., cSt. (D-445)	39.1
Viscosity Index (D-2270)	202
Flash Point, COC (D-92)	328 ^{O}C **(Safe, very high flash)**
Pour Point, ^{O}C (D-97)	-18
Copper Corrosion (D-130) 3hr @ 100°C	1A
Acid Number (D-974)	0.10
Foam Sequence I, II, III (D-892) 10 min.	0 Foam
Rust Prevention, (D-665 A)	Pass Clean
4 Ball Wear Scar Diam (mm) (D-4172)	.60
Dielectric Insulating Property (D-877)	47 kV
Biodegradability (D-5864) Pw1	Yes

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

[1] This product is acceptable as a Release Agent (3H) in contact with food and as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure and/or direct contact to food.

Proprietary formulation

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Availability	**F.O.B. :Hartville, Ohio, USA**	**1 Gallon**	**5 Gallon Pail**	**Drum**	**Totes**	**Bulk**
RLI Product Item #		87013	87014	87016	87017	87019