



VANLUBE® RI-G

Rust Inhibitor

TECHNICAL DATA

VANLUBE® RI-G Lubricant Additive has been specifically designed to provide excellent rust inhibition for grease. It is a special blend of rust inhibitor and fatty acid derivative of 4,5-dihydro-1H imidazole, with strong ferrous metal surface adsorption and film forming capability. It is compatible with other **VANLUBE®** extreme pressure, antioxidant and antiwear additives.

CHEMICAL COMPOSITION

Fatty acid derivative of 4,5-dihydro-1H-imidazole

TYPICAL PROPERTIES

Appearance	Amber liquid
Density @ 15.6 °C, Mg/m³	0.95
Viscosity at 100 °C, mm²/s	118
Flash Point, PMCC, °C	271
Nitrogen Content, %	3.2

*The analytical data listed above are not specifications

APPLICATIONS

- Grease
- Gear Oil
- Hydraulic Oil
- Rust preventative applications

RECOMMENDED TREAT RATES

- 0.1 – 1.0 %

ADVANTAGES

- Features a low treat cost for use in grease to pass ASTM D1743 in lithium, lithium complex, calcium, aluminum, clay, and polyurea base greases
- Provides a low treat cost to pass ASTM D5969, when combined with an appropriate sulfonate
- Represents a low cost solution to pass ASTM D6138 EMCOR Test
- Suitable for ashless formulations
- Can be used in greases with a variety of thickener systems
- Offers global registration

SOLUBILITY

- Soluble in petroleum lubricant bases
- Insoluble in water
- May influence worked stability and dropping point in some polyurea and clay greases but is neutral in all other thickeners



STANDARD PACKAGING

- 425 lb Drum

STORAGE AND HANDLING

STORAGE

Do not store above the following temperature: 30°C (86°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10 of SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

HANDLING

Put on appropriate personal protective equipment (see Section 8 of SDS). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

REGISTRATION

Please refer for section 15 of SDS for regulatory information.

CONTACT INFORMATION

For samples, product information and/or technical service, please contact Vanderbilt Chemicals, LLC or the Vanderbilt representative in your area:

Vanderbilt Chemicals, LLC
30 Winfield Street, P.O. Box 5150
Norwalk, CT 06856-5150
P: (203) 853-1400
F: (203) 853-1452
www.vanderbiltchemicals.com

Vanderbilt (Beijing) Trading, Ltd
Room 220A, Tower A
No. 8 Hengfeng Road
Science Town, Fengtai District
Beijing 100070 P. R. China
P: 011- 86 10 56541176
F: 011- 86 10 56541175

Vanderbilt Worldwide Ltd
12 Park House Alvaston Business Park, Middlewich Road
Nantwich, Cheshire, CW5 6PF
United Kingdom
www.vanderbiltworldwide.com