



VANLUBE[®] RI-BSN

**Rust and Corrosion
Inhibitor, Demulsifier**

TECHNICAL DATA

VANLUBE[®] RI-BSN Lubricant Additive is a neutral barium salt of high purity synthetic dinonylnaphthalene sulfonic acid with excellent rust and corrosion inhibition and demulsifier properties.

CHEMICAL COMPOSITION

Barium Dinonylnaphthalene Sulfonate in mineral oil

TYPICAL PROPERTIES

| | |
|---|----------------|
| Physical State | Viscous Liquid |
| Appearance | Dark Brown |
| Barium, % | 6.5 - 6.7 |
| Sulfonate, % | 50.0 - 52.0 |
| Density at 20°C, Mg/m³ | 1.01 |
| Viscosity at 100°C, mm²/s | 65 |
| Flash Point, COC, °C | >165 |

*The analytical data listed above are not specifications

APPLICATIONS

- Hydraulic Fluids
- Industrial Oils
- Engine Oils
- Metal Working Fluids
- Greases
- Rust Preventatives

RECOMMENDED TREAT RATES

- For most industrial oils (hydraulic oils, R&O, circulating oils, compressor oils, industrial gear oils and many others), the typical treat rate ranges from 0.10 wt% to 1.0 wt%
- For lubricating greases, the typical treat rate ranges from 0.5 wt% to 2.0 wt%.
- For rust preventives, the typical treat rate ranges from 0.5 wt% to 20 wt%, depending on the specific application

ADVANTAGES

- Demonstrates good compatibility with antioxidants, antiwear and extreme pressure agents and other corrosion inhibitors used in industrial oils and greases
- Imparts excellent rust inhibition and water resistance in a wide variety of lubricant applications
- Offers utility in industrial oils, greases and rust preventives for metal parts from metalworking processes, either oil- or solvent-based



SOLUBILITY

- Soluble in both mineral and synthetic base oils

STANDARD PACKAGING

- Metal Drums
- Bulk

HANDLING AND STORAGE

- Please refer to section 7 of SDS for handling and storage information.
- Long Term Storage Temperature is Room Temperature
- Short Term Maximum Temperature is 75°C

REGISTRATION

Please refer to 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:

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