

VANLUBE® RD

Antioxidant

TECHNICAL DATA

VANLUBE® RD is a powerful antioxidant that exhibits outstanding performance in a wide variety of oxidation bench tests. It is used in many petroleum and synthetic based greases, industrial oils, and glycol-based brake fluids.

CHEMICAL COMPOSITION

Polymerized 1,2-dihydro-2,2,4-trimethylquinoline

TYPICAL PROPERTIES

Physical State	Solid
Appearance	Amber Pastilles
Density at 25 °C, Mg/m³	1.06
Softening Point, °C	82-102
Ash Content, % maximum	0.25
Heat Loss, % maximum	1.0

*The analytical data listed above are not specifications

APPLICATIONS

- Petroleum and synthetic based lubricating greases
- Synthetic lubricants
- Industrial fluids
- Glycol-based brake fluids

RECOMMENDED TREAT RATES

- Formulation and application specific, typical range 0.1 – 1.0%

ADVANTAGES

- Inhibits oxidation in polyalkylene glycol (PAG) fluids and diester synthetic lubricants
- Performs as a high temperature antioxidant in both petroleum and synthetic based lubricating greases
- Offers excellent treat cost in ASTM D3527 with greases made from naphthenic and group I oils
- Demonstrates no harm in ASTM D2070 or ICI Thermal Stability Tests
- Provides exceptional PDSC performance in base fluids containing group II and oil soluble polyalkylene glycols
- Prevents the depolymerization of polyoxyethylene and similar polymers
- Works synergistically with alkylated phenyl-alpha-naphthylamine (**VANLUBE® 1202**)



SOLUBILITY

- Soluble in PAG and ester base stocks. Soluble in hydrocarbon solvents.
- Insoluble in water.

STANDARD PACKAGING

- 55 lb bag

HANDLING AND STORAGE

Please refer to section 7 of SDS for handling and storage information

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:

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03/17/2023