

VANLUBE[®] SS

**Ashless Aminic
Antioxidant**

TECHNICAL DATA

VANLUBE[®] SS is a general purpose ashless antioxidant for a wide variety of lubricants. It is chemically similar to **VANLUBE[®] 81** but lower purity. Testing has shown it to be an effective high temperature antioxidant in petroleum and synthetic fluid based lubricants.

CHEMICAL COMPOSITION

p,p'-dioctyldiphenylamine

TYPICAL PROPERTIES

Physical State	Powder
Appearance	Off-white to tan
Density @ 25°C, Mg/m³	1.02
Melting Point, °C	90 to 99
Nitrogen Content, %	3.3 to 3.9
Ash, %	<0.1
Heating Loss @ 105°C for 2h, %	<0.1

*The analytical data listed above are not specifications

APPLICATIONS

- Industrial Oil
- Gear Oils
- Turbine Oil
- Compressor Oil
- Hydraulic Fluids
- Aviation Oil
- Greases
- Engine Oils

RECOMMENDED TREAT RATES

- Typical treat rates for **VANLUBE[®] SS** are 0.5 to 2.0% depending on the application

ADVANTAGES

- Serves as an effective high temperature oxidation and corrosion inhibitor in synthetic lubricants based on silane, siloxane, diesters and silicone fluids, based on extensive performance testing
- Inhibits oxidation at high temperatures in most types of petroleum base stocks.
- Works synergistically with hindered phenolic antioxidants
- Offers good solubility in a variety of synthetic and petroleum base lubricants
- Maintains good color stability when exposed to light



SOLUBILITY

- Soluble in silicones, silanes, siloxanes, esters, synthetic hydrocarbon oils and petroleum oils. Insoluble in water.

STANDARD PACKAGING

- 55 lb. Bags
- 100 lb. Fiber Drums

HANDLING AND STORAGE

Long Term Storage Temperature is Room Temperature.

Handling Temperature is Room Temperature.

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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