

VANLUBE[®] 1202

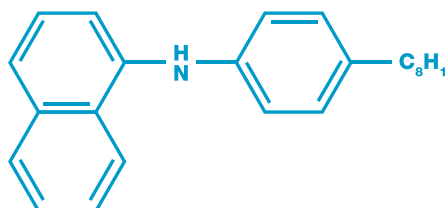
**High Temperature
Aminic Antioxidant**

TECHNICAL DATA

VANLUBE[®] 1202 Lubricant Additive is an octylated phenyl-alpha-naphthylamine antioxidant for industrial and engine oil applications. It exhibits excellent solubility in mineral and synthetic base oils, with low volatility, excellent sludge and deposit control in high temperature applications.

CHEMICAL COMPOSITION

Octylated N-phenyl-1-naphthylamine



TYPICAL PROPERTIES

Appearance	White to reddish-yellow powder
Nitrogen Content, %	4.2
Melting Point, °C	76.0
Assay, %	99.1

*The analytical data listed above are not specifications

APPLICATIONS

- Industrial Oil and Grease
- Engine Oil
- Aviation Oil

RECOMMENDED TREAT RATES

	Industrial Oil	Grease	Aviation Oil	Engine Oil
Treat Rate, %	0.05 - 0.5	0.5 - 1.0	1.0 - 2.0	0.2 - 1.0

ADVANTAGES

- Outstanding antioxidant for high temperature applications in oils and greases
- Excellent deposit control in TEOST[®] MHT compared to other commercial antioxidants
- Superior sludge and varnish control in high temperature turbine oil applications
- Powerful antioxidant for boosting RPVOT ASTM D2272 performance
- No harm to Cu & Pb metal corrosion in API CJ-4 heavy duty diesel engine oils in ASTM D6594
- High solubility in petroleum and synthetic lubricants
- Ashless and sulfur/phosphorus-free
- High purity & low volatility

SOLUBILITY

Soluble in mineral oils, non-polar and polar synthetic base oils.

STANDARD PACKAGING

55.12 lb (25 kg) polypropylene resin bag

STORAGE AND HANDLING

STORAGE

Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

REGISTRATION

Please refer to section 15 of SDS for global registration status.

- NSF Certified



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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