

VANLUBE® 961

Ashless Aminic Antioxidant

TECHNICAL DATA

Our **VANLUBE® 961** product is a liquid aminic antioxidant easily solubilized in lubricants containing mineral oil and most synthetic base oils.

CHEMICAL COMPOSITION

Mixed octylated and butylated diphenylamines

TYPICAL PROPERTIES

Physical State	Liquid
Appearance	Light amber to light brown
Color, ASTM D1500	1.0
Density @ 25°C, Mg/m ³	0.98
Nitrogen Content, wt. %	4.7
Viscosity @ 100°C, mm ² /s	9.9
Flash Point, PMCC, °C	190

*The analytical data listed above are not specifications

APPLICATIONS

- Engine oils
- Racing oils
- Gear oils
- Industrial oils
- Greases
- Synthetic lubricants

RECOMMENDED TREAT RATES

- Formulation and application dependent

ADVANTAGES

- Ashless additive containing no metals
- Low viscosity liquid for ease of handling
- Antioxidant for mineral and synthetic base oil containing lubricants
- Synergistic with phenolic antioxidants
- Reduced piston deposits when used in combination with molybdenum additives
- Robust performance inhibiting oxidation in many bench tests (e.g. RPVOT, PDSC) and in many types of conventional or synthetic lubricants
- Useful with sulfurized antioxidants and alkylated PANAs to further enhance oxidation performance



SOLUBILITY

- Soluble in mineral and most synthetic fluids

STANDARD PACKAGING

- 425 lb. drum

HANDLING AND STORAGE

- Please refer to Section 7 of the 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:

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