

VANLUBE® 601E

**Antioxidant,
Corrosion Inhibitor,
Metal Deactivator**

TECHNICAL DATA

VANLUBE® 601E is a lower viscosity, higher flash point version of **VANLUBE 601**, serving as a copper passivator, corrosion and rust inhibitor of the film-forming type. It exhibits synergistic properties with various organo-metallic extreme pressure additives such as dithiocarbamates. It also can provide color stabilizing properties in oils and greases stored at elevated temperatures. In fuel applications, it acts as a metal deactivator.

CHEMICAL COMPOSITION

Heterocyclic sulfur-nitrogen compound

TYPICAL PROPERTIES

Physical State	Liquid
Appearance	Dark Amber
Density @ 15.5°C, Mg/m ³	0.98
Viscosity @ 100°C, mm ² /s	7
Flash Point, PMCC ,°C	157

*The analytical data listed above are not specifications

APPLICATIONS

- Hydraulic Fluids
- Gear Oils
- Industrial Oils
- Engine Oils
- Metal working fluids
- Greases
- Fuels

RECOMMENDED TREAT RATES

- 1 to 10 pounds per 1000 barrels for fuels
- Recommended treat rate for oils and greases is 0.02 to 1.0%

ADVANTAGES

- Contains no metals as an ashless corrosion and rust inhibitor
- Maintains strong metal affinity to form a surface film against corrosion and rust
- Offers good compatibility with corrosion inhibitors, antioxidants, antiwear and extreme pressure additives commonly used in industrial oils and greases
- Demonstrates wide utility in engine oils, industrial oils, greases, metalworking fluids and fuels

SOLUBILITY

- Soluble in petroleum and synthetic lubricant bases. Insoluble in water.

STANDARD PACKAGING

- Metal Drums
- Bulk

HANDLING AND STORAGE

Please refer to Section 7 of the SDS for handling and storage information.

Additional handling and storage information:

Long Term Storage Temperature is Room Temperature

Short Term Maximum Temperature is 60°C (darkens)

REGISTRATION

Please refer to section 15 of the 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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