



CUVAN™ 313

**Corrosion Inhibitor
Metal Deactivator**

TECHNICAL DATA

CUVAN™ 313 is an excellent corrosion inhibitor for a wide variety of lubricating oils. It works extremely well in some heavy duty diesel engine oils to reduce copper and lead corrosion in ASTM D6594, the High Temperature Corrosion Bench Test (HTCBT).

CHEMICAL COMPOSITION

Alkyltriazole Derivative

TYPICAL PROPERTIES

Physical State	Liquid
Appearance	Light Yellow
Nitrogen, %	17.6
TBN, mg KOH/g	195
Activity, %	100
Viscosity @ 40°C, mm ² /s	34
Viscosity @ 100°C, mm ² /s	4

*The analytical data listed above are not specifications

APPLICATIONS

- Passenger car motor oils
- Heavy duty diesel engine oils
- Automatic transmission fluids
- Compressor fluids
- Gear oils
- Greases
- Hydraulic oils

RECOMMENDED TREAT RATES

- Typical range is 0.05 to 0.2 wt. % but can vary based on formulation style and application.

ADVANTAGES

- Imparts light color in a wide variety of lubricants
- Allows for ease of handling as low viscosity liquid
- Reduces copper and lead corrosion in ASTM D6594, HTCBT
- Protects copper and copper alloys effectively from corrosion

SOLUBILITY

- Soluble in mineral and synthetic base oils



STANDARD PACKAGING

- 450 lb. drums and bulk

HANDLING AND STORAGE

- Please refer to Section 7 of SDS for handling and storage information.
- Suggested pumping temperature is room temperature. Short and long term maximum handling temperatures are room temperature.

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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