

VANLUBE® W-324

Antiwear/ Antioxidant/ High Temperature Friction Reducer

TECHNICAL DATA

VANLUBE® W-324 is a sulfur and phosphorus-free multifunctional additive that enhances the antioxidant, antiwear and friction properties of engine oils, lubricating oils and greases.

CHEMICAL COMPOSITION -

Dialkylammonium tungstate

- TYPICAL PROPERTIES -

Physical State	Liquid
Appearance	Amber to black
Tungsten, %	14.5
Nitrogen, %	1.5
Viscosity, 40°C, mm ² /s	227.0
Viscosity, 100°C, mm ² /s	11.6
Flash Point, PMCC, °C	175

*The analytical data listed above are not specifications

APPLICATIONS -

- Engine oils
- Gear oils
- Industrial oils
- Greases
- Racing oils

RECOMMENDED TREAT RATES ·

• Typical range is 0.05 to 0.5 wt. % but can vary based on formulation style and application.

ADVANTAGES ·

- Offers good oil solubility by virtue of long chain ligand
- Easy to handle as low viscosity liquid
- Contains no phosphorus or sulfur
- Performs at low treat rates because of high tungsten content
- Imparts antiwear, antioxidancy and high temperature friction reduction to a wide variety of lubricating oils

SOLUBILITY -

Solublility is better in lubricating fluids that contain dispersants

STANDARD PACKAGING

425 lb. drums

HANDLING AND STORAGE ·

STORAGE

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

HANDLING

Suggested pumping temperature is room temperature. Short and long term maximum handling temperatures are 75°C and room temperature respectively.

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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