VANLUBE® 9123

Ashless Antiwear/ Anti-Rust Additive



TECHNICAL DATA

VANLUBE® 9123 is an excellent antiwear additive and rust inhibitor, useful in wide range of industrial oils and lubricating greases.

- CHEMICAL COMPOSITION -

Amine Phosphate Compound

TYPICAL PROPERTIES -

Physical State	Liquid
Color, ASTM D1500	<2.0
Density @ 25°C, Mg/m ³	0.94
Viscosity @ 100°C, mm²/s	22
Flash Point (PMCC), °C	96
Nitrogen Content, %	3.5 to 4.5
Phosphorous Content, %	5.6

* The analytical data listed above are not specifications

- APPLICATIONS -

- Hydraulic Fluids
- Compressor Fluids
- Industrial Gear Oils
- Turbine Oils
- Process Oils
- Engine Oils
- Circulating Oils
- Metal working fluids
- Greases

RECOMMENDED TREAT RATES -

• Recommended treat rates are 0.5 to 2.0% based on application

ADVANTAGES

- Works as an excellent sulfur free and ashless antiwear additive that also imparts rust protection
- May be used in combination with other Vanderbilt Petroleum additives to reduce wear in various industrial formulations
- Demonstrates exceptional EP and anti-wear in grease when used in combination with thiadiazole EP additives
- Provides anti-wear synergy with ashless dithiophosphates like VANLUBE® 727 and VANLUBE® 7611M Lubricant Additive

- May be used up to 0.5 mass % to formulate food-grade products certified HX-1 by NSF
- Offers outstanding rust-preventing properties at low treat rates in the ASTM D665 rust test in the presence of distilled water or synthetic sea water

SOLUBILITY -

• Has good solubility in petroleum and synthetic base oils

STANDARD PACKAGING -

• 400 lb. metal drums

STORAGE AND HANDLING -

- Long Term Maximum Storage Temperature is Room Temperature
- Short Term Maximum Temperature is 75°C

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:

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

Registered and pending trademarks appearing in these materials are those of Vanderbilt Chemicals, LLC. 03/18/2019

Before using, read, understand and comply with the information and precautions in the Safety Data Sheets, label and other product literature. The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required Vanderbilt Chemicals, LLC does not warrant the be obtained in using any material, and disclaims all liability with respect to the use, handling or turker precasing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent, trademark or copyright or to violate any federal, state or local law or regulation.