



# VANLUBE<sup>®</sup> 727

**Multifunctional  
additive having  
Antiwear and  
Antioxidant  
properties**

## TECHNICAL DATA

**VANLUBE<sup>®</sup> 727** is an ashless organic liquid additive containing sulfur and phosphorus with good antiwear and antioxidant properties.

### CHEMICAL COMPOSITION

Organosulfur-phosphorus compound

### TYPICAL PROPERTIES

|                                       |              |
|---------------------------------------|--------------|
| Appearance                            | Light yellow |
| Density, Mg/m <sup>3</sup>            | 1.01         |
| Viscosity @ 100°C, mm <sup>2</sup> /s | 2.6          |
| Flash Point (PMCC), °C                | 100          |
| Sulfur Content (typical), wt%         | 9.8          |
| Phosphorus Content (typical), wt%     | 5.0          |

\*The analytical data listed above are not specifications

### APPLICATIONS

- Industrial Oils
- Gear Oils
- Turbine Oil
- Hydraulic Fluids
- Compressor Oils
- Greases
- Engine Oils
- Railroad Diesel Oils

### RECOMMENDED TREAT RATES

- 0.25% to 1% depending on application (automotive or industrial) and function (antiwear or antioxidant).

### ADVANTAGES

- **VANLUBE 727** is an organic liquid additive containing sulfur and phosphorus
- This additive has both antiwear and antioxidant properties
- Bench tests suggest that the performance of **VANLUBE 727** can be competitive with that of commonly used zinc dithiophosphates in engine oils
- Nonmetallic composition makes it useful in low-ash and ashless applications



## SOLUBILITY

- Soluble in petroleum and synthetic base oils

## STANDARD PACKAGING

- 40 lb. pails
- 450 lb. metal drums
- Bulk shipments of this material are available

## HANDLING AND STORAGE

Short Term Max Handling Temperature: 50°C

Long Term Handling Temperature: Room Temperature

## 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](http://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](http://www.vanderbiltworldwide.com)