

MOLYVAN[®] L

**Antioxidant,
Antiwear/Antiscuff,
Friction Reducer,
Extreme Pressure
Additive**

TECHNICAL DATA

MOLYVAN[®] L is an oil-soluble organo-molybdenum additive containing sulfur and phosphorus. It functions as a friction reducer, antioxidant, antiwear and extreme pressure agent. It is an excellent liquid organo-molybdenum additive for lubricants in both industrial and automotive applications.

CHEMICAL COMPOSITION

Molybdenum di(2-ethylhexyl)phosphorodithioate

TYPICAL PROPERTIES

Physical State	Liquid
Appearance	Dark Green
Molybdenum, %	8.3
Sulfur, %	12.4
Density @ 15.6°C, Mg/m ³	1.08
Viscosity @ 100°C, mm ² /s	8.6
Flash Point, PMCC, °C	142

*The analytical data listed above are not specifications

APPLICATIONS

- Passenger car motor oils
- Industrial oils
- Greases
- Gear oils
- Metal Working Fluids (both drawing and cutting applications)
- Racing oils

RECOMMENDED TREAT RATES

- Typical range is 0.25 to 2.0 wt. %, but can vary based on formulation style and application

ADVANTAGES

- Offers excellent antiwear and extreme pressure performance
- Works well as an oil soluble liquid organic molybdenum additive
- Provides multi-functional additive performance with good antioxidant, antiwear/antiscuff, extreme pressure and friction reducing properties
- Delivers superior Four-Ball wear, friction, and EP performance when combined with **VANLUBE 829** or **VANLUBE 972NT**
- Reduces friction effectively when used in combination with ZDDP and molybdenum dithiocarbamates



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 80°C and 40°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