



# R. T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

30 WINFIELD STREET, P.O. BOX 5150. NORWALK, CONNECTICUT 06856-5150 • (203) 853-1400  
Fax (203) 853-1452 • Internet Address: www.rtvanderbilt.com

# Specification

## **MOLYVAN® A** **Friction Reducer/Antiwear Compound**

September 8, 2008

RTV Product Code: **29007**  
Composition: Molybdenum di-n-butylthiocarbamate  
Physical State: Yellow powder

	<u>Specification</u>	<u>Test Method</u>
*Fineness, through 100 mesh	99.9% minimum	T-14
*Molybdenum Content	27.0-29.0%	AA-3
*Sulfur Content	23.5-25.5%	EA-2

### GENERAL INFORMATION

Typical values not routinely measured or reported on the Certificate of Analysis.

Density at 25°C	1.59 Mg/m <sup>3</sup>
Melting Point, Initial	258°C
Moisture Content, 2 hrs at 80-85°C	0.2%

Solubility - Insoluble in water and petroleum oils. Very slightly soluble in diesters and phosphate esters.

\*Certified Property

Uses - Anti-wear and high temperature antioxidant in petroleum and synthetic based greases.

*Molyvan* is a registered trademark of R.T. Vanderbilt Co., Inc.