



# R. T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

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# Specification

## MOLYVAN® L

December 14, 2007

**RTV Product Code:** 29105

**Composition:** Molybdenum di (2-ethylhexyl) phosphorodithioate

**Physical State:** Dark green liquid

	<u>Specification</u>	<u>Test Method</u>
*Molybdenum Content	7.7-8.8%	AA-1
*Sulfur Content	11.0-13.8%	EA-2

### GENERAL INFORMATION

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

Density at 15.6°C	1.08 Mg/m <sup>3</sup>
Phosphorus Content	6.3%
Total Acid Number	113 mg KOH/g
Viscosity at 100°C	8.6 cSt

Solubility - Soluble in petroleum oils and greases, aliphatic and aromatic solvents and in various synthetic lubricant bases. Insoluble in water.

\*Certified Property

*Uses - Friction reducer, extreme-pressure and anti-wear agent used in energy conserving lubricants.*

MOLYVAN is a registered trademark of R.T. Vanderbilt Company, Inc.