

# Product Information Specialty Lubricants



## *Molykote*<sup>®</sup> L-0501 Lubricant

### FEATURES

- Available in liquid and aerosol
- Nonchlorofluorohydrocarbon propellant in aerosol
- Contains antiwear additive for longer-term lubrication than conventional penetrating oils VOC<50%
- Excellent Corrosion Protection
- High Performing four ball
- No Clog Spray
- Displace water

### COMPOSITION

L-0501 Lubricant: Petroleum distillate containing a dispersion of antiwear, corrosion inhibitors and oxidation inhibitors

### High-performance penetrating oil and lubricant

#### APPLICATIONS

*Molykote*<sup>®</sup> L-0501 is a multi-purpose penetrating lubricant for loosening rusted parts, stopping squeaks, providing corrosion protection, water displacement, and long term lubrication.

Typical applications include: aiding disassembly of parts; lubricating locks, hinges, cranks, sliding doors, tools, chains, cables, switch linkages, knuckles, pins, and pivots.

#### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Method	Test	Unit	Result
	Color		Translucent yellow
	Temperature Range	°F (°C)	-20 to 120 (-29 to 49)
	Specific Gravity at 77°F (25°C)		0.86
CTM <sup>1</sup> 001A	Density <sup>2</sup> at 77°F (25°C)	lb/gal	7.0
CTM 0021A	Flash Point <sup>2</sup> , closed cup	°F (°C)	215 (102)
CTM 0225	Four-ball Weld Test <sup>2</sup>	lb	400
CTM 0351	Four-ball Wear Test <sup>2</sup> (40 kg, 1200 rpm, 1 hr, 70°F [21°C], 52100 steel)	mm	0.44

<sup>1</sup>CTMs (Corporate Test Methods) correspond to standard ASTM tests in most instances.

<sup>2</sup>Properties for bulk form only.

#### DESCRIPTION

*Molykote*<sup>®</sup> L-0501 Lubricant is a multi-purpose penetrating lubricant composed of a petroleum distillate containing a dispersion of antiwear, corrosion inhibitors and oxidation inhibitors.

#### HOW TO USE

*Molykote*<sup>®</sup> L-0501 Lubricant can be sprayed or brushed on without surface pretreatment.

#### USABLE LIFE AND STORAGE

When stored at or below 90°F (32°C), *Molykote*<sup>®</sup> L-0501 Lubricant have a shelf life of 60 months from date of manufacture. Refer to product packaging for "Use By" date.

#### PACKAGING

*Molykote* L-0501 Lubricant is supplied in 12-oz (340-g) aerosol cans, 1-gal (3.1-kg) bottles and 55-gal (174.6-kg) drums.

## **HANDLING PRECAUTIONS**

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Dow Corning website at [www.dowcorning.com](http://www.dowcorning.com). You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## **SHIPPING LIMITATIONS**

DOT Classification: Combustible.

DOT Classification, aerosol:  
Flammable gas.

## **HEALTH AND ENVIRONMENTAL INFORMATION**

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [www.dowcorning.com](http://www.dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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