

# Product Information

## Specialty Lubricants

# *Pene-Lube*<sup>®</sup> Lubricant and *Moly Pene-Lube*<sup>®</sup> Lubricant

## FEATURES

- Available in liquid and aerosol
- Nonchlorofluorohydrocarbon propellant in aerosol
- Contains solid lubricants for longer-term lubrication than conventional penetrating oils
- Penetrates and loosens rust
- Displaces water
- Retards corrosion
- *Moly Pene-Lube*<sup>®</sup> Lubricant fortified with MoS<sub>2</sub> for improved disassembly and load handling; provides extreme pressure lubrication

## COMPOSITION

### *Pene-Lube*<sup>®</sup> Lubricant:

- Petroleum distillate containing a dispersion of solid lubricants, corrosion inhibitors and oxidation inhibitors

### *Moly Pene-Lube* Lubricant:

- Petroleum distillate containing a dispersion of MoS<sub>2</sub> and other solid lubricants, corrosion inhibitors and oxidation inhibitors

## High-performance penetrating oil and lubricant

## USES

*Pene-Lube* Lubricant is a multi-purpose penetrating lubricant for loosening rusted parts, stopping squeaks, providing short-term corrosion protection and water displacement. *Moly Pene-Lube* Lubricant is a premium penetrating lubricant for loosening rusted parts and providing long-term lubrication.

Typical applications for these lubricants include: aiding disassembly of parts; lubricating locks, hinges, cranks, sliding doors, tools, chains, cables. Additionally, *Moly Pene-Lube* Lubricant can be used for applications such as switch linkages, knuckles, pins, pivots. See Table I for a list of specific applications for these products.

## TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Method	Test	Unit	Result	
			<i>Pene-Lube</i>	<i>Moly Pene-Lube</i>
	Color		Translucent yellow	Black
	Temperature Range	°F (°C)	-20 to 120 (-29 to 49)	-20 to 120 (-29 to 49)
	Specific Gravity at 77°F (25°C)		0.84	0.85
CTM <sup>1</sup> 001A	Density <sup>2</sup> at 77°F (25°C)	lb/gal	7.0	7.1
CTM 0021A	Flash Point <sup>2</sup> , closed cup	°F (°C)	153 (67)	151 (66)
CTM 0225	Four-Ball Weld Test <sup>2</sup>	lb	330	380
CTM 0351	Four-Ball Wear Test <sup>2</sup> , (40 kg, 1200 rpm, 1 hr, 95°F [35°C], 52100 steel)	mm	0.70	0.41

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

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

**Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.**

## DESCRIPTION

*Pene-Lube* and *Moly Pene-Lube* Lubricants are specialty lubricant products manufactured by Dow Corning. *Pene-Lube* Lubricant is a multi-purpose penetrating lubricant composed of a petroleum distillate containing a dispersion of solid lubricants, corrosion inhibitors and oxidation inhibitors. *Moly Pene-Lube* Lubricant is a premium

penetrating lubricant composed of a petroleum distillate containing a dispersion of MoS<sub>2</sub> and other solid lubricants, corrosion inhibitors and oxidation inhibitors

## HOW TO USE

*Pene-Lube* and *Moly Pene-Lube* Lubricants can be sprayed or brushed on without surface pretreatment.

## STORAGE AND SHELF LIFE

When stored at or below 90°F (32°C), *Pene-Lube* and *Moly Pene-Lube* Lubricants have a shelf life of 60 months from date of manufacture. Refer to product packaging for "Use By" date.

## PACKAGING

*Pene-Lube* Lubricant is supplied in 12-oz (340-g) aerosol cans, 1-gal (3.1-kg) bottles and 55-gal (174.6-kg) drums. *Moly Pene-Lube* Lubricant is supplied in 12-oz (340-g) aerosol cans and 5-gal (15.9-kg) pails. All weights, net.

## SHIPPING LIMITATIONS

DOT Classification: Combustible.

DOT Classification, aerosol:  
Flammable gas.

## LIMITATIONS

These products are neither tested nor represented as suitable for medical or pharmaceutical uses.

## SAFE HANDLING INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM YOUR DOW CORNING REPRESENTATIVE, OR DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER SERVICE, OR BY CALLING (517) 496-6000.

## Table I: Applications for *Pene-Lube* and *Moly Pene-Lube*

### Electrical utility operations such as:

- Circuit breaker switch knuckles and pins
- Yard switch linkages
- Solenoids
- Knife switch pivots
- Transformer nuts and bolts, large and small
- Switch cabinet locks and hinges
- Transformer transport tie downs
- Switches
- Chains
- Couplings

### Fleet applications:

- Ignitions
- Door and trunk lid locks
- Lug nuts
- Brake fluid bleeder valves
- Carburetor linkage
- Truck tie downs
- Door hinges
- Brake star adjusters
- Parking brake cables
- Speedometer cables
- Garage door opener chains/screws

### Other applications:

- Bolts and studs on engines, gearboxes and differential cases that are crusted with dirt, rust and corrosion
- Seized bolts and nuts and rusted parts
- Rusted couplings, bearings, pivot pins and guide pins
- Locks, hinges and chains that are "frozen" with rust
- Squeaking spring leaves, chains and hinges
- Frozen railroad switch plates and tie downs on auto transport cars
- Electric motor coupling removal and freeing sticking brush holders
- Firearms, fishing reels
- Locks, hinges, cranks and sliding doors and windows
- Conveyors, material handling equipment and chain drives
- Construction equipment, farm machinery, draglines and cables

## 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.

Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your

exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.