

# *Molykote*<sup>®</sup> L-1210 Synthetic Compressor & Vacuum Pump Oil

## **FEATURES**

- Wide Service Temperature Range
- Broad Compatibility
- Fully Synthetic Base Oil
- Colorless
- Kosher Approved
- Meets FDA/NSF H2 Requirements

## **BENEFITS**

- Formulated to provide longer service life compared to conventional petroleum-based lubricants
- Helps extend drain intervals leading to lower overall lubricant consumption and maintenance costs
- Provides good compatibility with most industrial and engineering substrates including many plastic and rubber materials
- Lower volatility compared to mineral oil

## **COMPOSITION**

- Polyalphaolefin (PAO) base stock
- Fortified with Rust & Oxidation inhibiting additives

Fully synthetic, ISO viscosity grade 100, clear oil formulated to meet or exceed performance of all comparable OEM fill products

## **APPLICATIONS**

- Rotary vane vacuum pumps and compressors
- Rotary screw vacuum pumps and compressors designed to operate on ISO 100 R&O oil
- Other equipment able to operate on ISO 100 R&O oil

## **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.

Test*	Property	Unit	Result
D 445	Base Oil Viscosity at 104°F (40°C)	cSt	98
D 445	Base Oil Viscosity at 210°F (100°C)	cSt	14
D 2270	Viscosity Index	°C	145
D 97	Pour Point		-48
D 92	Flash Point, C.O.C.	°C	271
D 92	Fire Point	°C	288
D 130	Copper Strip Corrosion		1a
D 665	Rust Prevention		PASS
A,B			
D 2893	Oxidation Stability		PASS
D 1401	Water Separation		40/40/0 (1)
D 892	Foam Test, Seq II		0/0
	Density at 15.6°C	g/ml	0.841
	Vapor Pressure	mm Hg	8.4 x 10 <sup>-12</sup> @ 38°C
			8.3 x 10 <sup>-9</sup> @ 66°C
			1.0 x 10 <sup>-6</sup> @ 93°C

CTM: Corporate Test Method, copies of CTM's are available on request.

## **HOW TO USE**

Follow equipment manufacturer's recommendations for maintenance procedures and operational use. To ensure longest possible life for lubricating fluids, sample analysis is recommended.

When utilized on a regular basis (suggest three month intervals), sample analysis can track normal aging and depletion of antioxidants in lubricating fluids. Sample analysis may identify abnormal contamination that may be affecting lubricant or equipment life. Contact Dow Corning customer service for additional information.

## **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 [dowcorning.com](http://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.

## **USABLE LIFE AND STORAGE**

When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 60 months from the date of production.

## **PACKAGING INFORMATION**

*Molykote*<sup>®</sup> L-1210 Synthetic Compressor and Vacuum Pump Oil is available in 18.9- and 208.2-L (5- and 55- gal) containers.

## **LIMITATIONS**

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

## **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 our 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.

Dow Corning's sole warranty is that our products will meet the 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.**

## **DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

*We help you invent the future.* <sup>TM</sup>

**[molykote.com](http://molykote.com)**