



MOLYKOTE® L-1210 Synthetic Compressor & Vacuum Pump Oil

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

Features

- Wide service-temperature range
- Broad compatibility
- Fully synthetic base oil
- Colorless
- Kosher approved
- Meets FDA/NSF H2 requirements
- No intentional polytetrafluoroethylene (PTFE) or per- and polyfluoroalkyl substances (PFAS)

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- and oxidation-inhibiting additives

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.

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.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard ⁽¹⁾	Test	Unit	Result
ASTM D445	Base oil viscosity at 104°F (40°C)	cSt	98
ASTM D445	Base oil viscosity at 210°F (100°C)	cSt	14
ASTM D2270	Viscosity index	°C	145
ASTM D97	Pour point		-48
ASTM D92	Flash point, C.O.C.	°C	271
ASTM D92	Fire point	°C	288
ASTM D130	Copper strip corrosion		1a
ASTM D665 A, B	Rust prevention		PASS
ASTM D2893	Oxidation stability		PASS
ASTM D1401	Water separation		40/40/0 (1)
ASTM D892	Foam test, Seq II		0/0
	Density at 15.6°C	g/ml	0.841
	Vapor pressure	mm Hg	8.4 x 10 ⁻¹² @ 38°C 8.3 x 10 ⁻⁹ @ 66°C 1.0 x 10 ⁻⁶ @ 93°C

⁽¹⁾ASTM: American Society for Testing and Materials.

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 MOLYKOTE® customer service for additional information.

Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

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

This product is available in different standard container sizes as shown on [molykote.com](https://www.molykote.com). Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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