

***Molykote*[®] L-1668FM Synthetic Blend Vacuum Pump Oil**

FEATURES & BENEFITS

- Superior performance in more highly corrosive environments
- Tolerant of high moisture/water environments.
- Long life to reduce lubrication usage and maintenance costs
- Low Vapor Pressure
- ISO Grade 68

COMPOSITION

- Synthetic Polyalphaolefin (PAO) base oil with Mineral Oil blend.
- Anti-Oxidant and Anti-Corrosion additive package.
- Anti-Foam

LISTINGS & CERTIFICATIONS

- 21CFR 178.3570
- NSF H1
- Kosher/Pareve (Passover)
- Halal

Formulated specifically for Rotary Vane Vacuum Pumps

APPLICATIONS

- Oil lubricated rotary vane vacuum pumps used in various industries from Food Packaging and Medical Sterilization to Chemical Manufacturing and Battery Plant operation.
- *Molykote*[®] L-1668FM Synthetic Blend Vacuum Pump Oil is designed to:
 - Extend maintenance and oil drain intervals in particularly demanding or harsh operating environments.
 - Provide proper viscosity and film thickness protection at normal operating temperature.

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
ISO 3448	ISO Viscosity Grade		68
ASTM D445	Viscosity at 40°C (104°F)	cSt	65.8
ASTM D445	Viscosity at 100°C (212°F)	cSt	9.05
ASTM D2270	Viscosity Index		113
ASTM D4052	Density at 20.0°C	g/cm ³	0.865
ASTM D1401	Demulsibility at 54.0°C	ml	41-39-0 (5 min)
ASTM D664	TAN	mgKOH/g m	0.1
ISO 7624	Volatile Acidity	%	0.16
ISO 7624	Soluble Acidity	%	0.56
ASTM D92	Flash Point	°C	258
ASTM D92	Fire Point	°C	288
ASTM 892	Foam Sequence I, II & III	ml	0/0, 20/0, 0/0
ASTM D665	Rust A (Distilled Water)		Pass Clean
ASTM D665	Rust B (Synthetic Brine)		Pass Clean
ASTM D130	Copper Corrosion		1B
ASTM D2879	Vapor Pressure at 100, 200 & 300°F	Torr	all < 1
Load Carrying Capacity			
ASTM D4172B	4 Ball Wear Scar (40kgf, 75°C, 1200 rpm, 60 minutes)	mm	0.44

ISO: International Standards Organization

ASTM: American Society for Testing Materials

HOW TO USE:

Follow equipment manufacturer's recommendations for maintenance procedures and oil specifications.

To ensure longest possible life for lubricating fluids, sample analysis is recommended. When utilized on a regular basis sample analysis can track normal aging and depletion of additives in lubricating fluids. Sample analysis can identify abnormal contamination that may be limiting lubricant life.

LISTINGS AND SPECIFICATIONS

- Listed by NSF with H1 rating for incidental food contact.
- Meets requirements of F.D.A. regulation. Code of Federal Regulations 21CFR Section 178.3570 "Lubricants with incidental food contact"
- External certification for Kosher & Pareve, approved for Passover
- External certifications for Halal

HANDLING

PRECAUTIONS

PRODUCT SAFETY

INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

Useable life of 60 months when stored in the original unopened container at 30°C maximum.

PACKAGING INFORMATION

Product is available in the following container sizes.

- 1 Liter Bottle
- 16.1 KG Pail
- 177.8 KG Drum

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, 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.

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