

AEON PD & AEON PD-FG Food Grade Synthetic Lubricants

Application

- Positive Displacement blowers & vacuum pumps
- AEON PD Synthetic Lubricants provide maximum protection for demanding operating conditions in any environment or application
- Optimized viscosity provides superior lubrication in severe hot and cold temperatures with minimal energy consumption

Description

- AEON PD Synthetic Lubricants are custom blended, synthetic hydrocarbon (polyalphaolefin) based oils
- AEON PD-FG Food Grade complies with FDA 21 CFR 178.3570 requirements for lubricants with the possibility of incidental food contact
- AEON PD products are free of toxic materials or heavy metals per OSHA and EPA guidelines
- Compatible with most seal materials: teflon, viton, nitrile buna N, fluorocarbon, polysulfide, polyacrylic and fluorosilicone
- National Science Foundation approved

Usage & Performance

- Superior performance in a variety of application and temperatures
- Factory recommended for Gardner Denver Sutorbilt®, DuroFlow®, CycloBlower®, HeliFlow™ and TriFlow® PD blowers and vacuum pumps
- Formulated for minimal blower wear and maximized equipment life



More Economical than Mineral Oil

- Longer service life
- Fewer oil changes and less replacement oil
- Less down time = higher productivity
- Reduced maintenance personnel and material costs
- Reduced oil disposal costs
- Better for the environment

Benefits of AEON PD VS. MINERAL OIL

Longer Service Life & Improved Performance

- AEON PD typically lasts up to 4 times longer than mineral oils operating under the same conditions*
- AEON PD Lubricants have a higher viscosity index
- AEON PD lubricates equipment more effectively and losses less viscosity at high temperatures
- No need for seasonal oil changes (refer to Operating & Maintenance manuals for specific information)
- Mineral Oils have poor low temperature properties, resulting in increased wear during start-up, ultimately shortening equipment life

Advanced Chemistry

- Mineral oils have increased water content reducing bearing life exponentially
- AEON PD superior oil/water separation and corrosion inhibitors protect bearings and extend blower life significantly
- Rust and oxidation inhibitors, and anti-foam additives provides improved performance

Properties		AEON PD	AEON PD-FG
Viscosity	at 40°C cSt	214	217
	at 100°C cSt	22.2	24
	at 100°F SUS	1115	1130
	at 210°F SUS	110.7	120
Pour Point °F/°C		-38/-39	-46/-43
Flash Point °F/°C		450/232	535/279

* Severe operating conditions may warrant more frequent oil changes. Laboratory analysis of the oil should be used to help determine the optimum oil change interval.

Order Information

Convenient Package Sizes	AEON PD Part No.	AEON PD-FG Part No.
1 quart	28G23	28H97
Case/12 quarts	28G24	28H98
5 gallon pail	28G25	28H99
55 gallon drum	28G28	28H100

Protect your investment:

Insist on genuine Gardner Denver AEON PD Lubricants

Cost Savings of AEON PD VS. MINERAL OIL

- Sutorbilt 1024-8000 blower with an oil capacity of 13 quarts
- Based on an operating time of 6000 hours for one blower

Savings may vary based on your specific conditions.

	AEON PD	MINERAL OIL
Cost of initial fill (13 quarts)		
Lube change interval		
Cost of replacement lubricant		
Labor (\$45/change)		
TOTAL COST		

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AEON™ PD Bearing Grease

High Temperature & Performance

Application

- AEON PD Grease is a extreme pressure, high temperature and performance grease providing optimum bearing performance and lubrication for use in positive displacement blowers & vacuum pumps
- Engineered for the Gardner Denver Legend Series and CycloBlower truck blowers

Usage & Performance

- Designed for severe operating conditions in a wide range of global applications
- Correct lubrication is critically important in maintaining long bearing life
- Avoid the risk of early bearing failure due to incompatible greases by using factory-specified AEON PD Grease
- To maintain the performance characteristics of AEON PD Grease, completely clean previously used greases from the blower as different types of grease may not be compatible
- For specific usage instructions, refer to the blower Operating and Maintenance Manual

Parameters & Features

- AEON PD Grease is formulated with anti-wear additives to maximize equipment life
- Contains rust inhibitors which provide excellent protection against rust and corrosion
- Provides superior protection in a wide operating temperature range of -40° F to 350° F



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with Gardner Denver —
the Leader in Durability,
Reliability and Efficiency



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Experience Proven Results

Genuine Gardner Denver AEON PD Bearing Grease

LEGEND SERIES

- Bearings on the drive end of the blower require grease lubrication every 500 hours of operation
- Lubricate bearings through grease fittings, as depicted in photo
- When re-greasing, the old grease will be forced out of the grease vents
- Keep the grease vents open at all times to prevent damage to the seals



CYCLOBLOWER TRUCK BLOWERS

- Bearings are recommended to be re-greased every 250 hours of operation
- The pressure relief fittings should be cleaned of all dirt and foreign material before lubricating bearings
- With a pressure or hand gun, fill bearing cavity with grease until it begins to come out of the grease relief fitting

PROPERTIES	AEON PD GREASE
NLGI Grade	2
Soap Type	Lithium Complex
Mineral Oil Viscosity	
cSt at 40° C	150
cSt at 100° C	13
SUS at 100° F	750
SUS at 210° F	70
ISO Viscosity Grade	150
Penetration at 23° C, worked	280
Dropping point, ASTM D 2265, ° F	475

AEON PD Bearing Grease

Order Information

Case of ten 14-oz. Cartridges 28H283



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