### **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

<sup>\*</sup> 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

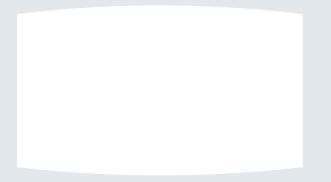
### Cost Savings of AEON PD VS. MINERAL OIL

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

#### **OVER \$195 SAVINGS PER BLOWER**

Savings may vary based on your specific conditions.

	AEON PD	MINERAL OIL
Cost of initial fill (13 quarts)	\$148.79	\$52.40
Lube change interval	6000 hours	1500 hours
Cost of replacement lubricant	\$0	\$157.20
Labor (\$45/change)	\$0	\$135.00
TOTAL COST	\$148.79	\$344.60











For additional information contact your local representative or Gardner Denver, 1800 Gardner Expressway, Quincy, IL 62305
Customer Service Department
Telephone: (800) 682-9868 FAX: (217) 221-8780
Sales and Service in all major cities.
www.gardnerdenver.com pd.blowers@gardnerdenver.com

# **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 factoryspecified 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 antiwear 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



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



## 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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