

# AEON<sup>®</sup> Synthetic Lubricants

AEON<sup>®</sup> PD, AEON<sup>®</sup> PD-FG, AEON<sup>®</sup> PD-XD



Experience Proven Results™

# AEON® Synthetic Lubricants



## *AEON PD-XD is now available!*

- AEON PD-XD has the highest viscosity offered by Gardner Denver for Extreme Duty applications
- Designed specifically for high ambient and high discharge temperature conditions

## 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

## Application

- Positive Displacement blowers & vacuum pumps
- AEON PD Synthetic Lubricants provide maximum protection for demanding operating conditions in any environment or application

## Description

- AEON PD Synthetic Lubricants are custom blended, synthetic hydrocarbon (polyalphaolefin) based oils
- AEON PD products are free of toxic materials or heavy metals per OSHA and EPA guidelines
- AEON PD is compatible with the majority of seal materials: teflon, viton, nitrile buna N, fluorocarbon, polysulfide, polyacrylic and fluorosilicone
- AEON PD-FG Food Grade complies with FDA 21 CFR 178.3570 requirements for lubricants with the possibility of incidental food contact
- AEON PD-FG is NSF 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 maximum equipment life
- Optimized viscosity provides superior lubrication in severe hot and cold temperatures with minimal energy consumption

## 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
  - 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
- AEON PD Lubricants have a higher viscosity index
- AEON PD lubricates equipment more effectively and better maintains 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
- Mineral oils have increased water content reducing bearing life exponentially

### Advanced Chemistry

- 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



## AEON® PD Blower Lubrication Chart

		Ambient Temperatures t° окружающей среды			
		Less than 10° F Ниже -12° C	10° F to 32° F -12° C до 0° C	32° F to 90° F 0° C до 32° C	Greater than 90° F Выше 32° C
Blower Discharge Temperatures t° нагнетания воздуха	Less than 32° F Ниже 0° C	AEON PD AEON PD-FG	AEON PD AEON PD-FG		
	32° F to 100° F 0° C до 38° C	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG	
	100° F to 225° F 38° C до 107° C	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG
	225° F to 300° F 107° C до 149° C	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD-XD
	Greater than 300° F Выше 149° C			AEON PD-XD	AEON PD-XD

Recommended AEON PD lubricant based on operating conditions.

*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
<b>TOTAL COST</b>	<b>\$148.79</b>	<b>\$344.60</b>

**Официальный представитель  
 Gardner Denver Products в России:  
 ООО "Норд-Сервис СПб"**  
 194100 Россия  
 Санкт-Петербург, Выборгская наб., д.55  
 тел/факс: (812) 493-51-91, 493-51-88,  
 295-25-85  
 e-mail: [info@ilkom.ru](mailto:info@ilkom.ru)  
[www.ILKOM.ru](http://www.ILKOM.ru)

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