

AEON® PD, AEON® PD-FG, AEON® PD-XD

# AEON® Synthetic Lubricants



# Protect Your Investment

## Insist on Genuine Gardner Denver AEON® PD Lubricants

### Application

- Factory recommended for Gardner Denver Sutorbilt®, DuroFlow®, TriFlow®, RBS, HeliFlow®, and CycloBlower® positive displacement blowers and vacuum pumps
- Provides maximum protection for demanding operating conditions in any environment or application
- Formulated for minimal blower wear and maximum equipment life
- Optimized viscosity provides superior lubrication in severe hot and cold temperatures with minimal energy consumption
- Superior performance in a variety of applications and temperatures

### Advanced Chemistry

- AEON PD superior oil/water separation and corrosion inhibitors protect bearings and extend blower life significantly
- Rust and oxidation inhibitors

### Description

#### AEON PD

- Custom blended, synthetic hydrocarbon (polyalphaolefin) based oils
- Free of toxic materials or heavy metals per OSHA and EPA guidelines
- Compatible with the majority of seal materials: teflon, viton, nitrile buna N, fluorocarbon, polysulfide, polyacrylic and fluorosilicone

#### AEON PD-FG

- Food Grade lubricant
- Complies with FDA 21 CFR 178.3570 requirements for lubricants with the possibility of incidental food contact
- NSF approved

#### AEON PD-XD

- The highest viscosity offered by Gardner Denver for extreme duty applications
- Designed specifically for high ambient and discharge temperature conditions



# 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

## 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

## 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

	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>

**Over \$195 Savings per Blower**

Savings may vary based on your specific conditions.



## AEON® PD BLOWER LUBRICATION CHART

		AMBIENT TEMPERATURES				
		LESS THAN 10° F	10-32° F	32-60° F	60-90° F	GREATER THAN 90° F
BLOWER DISCHARGE TEMPERATURES	LESS THAN 32° F	AEON PD AEON PD-FG	AEON PD AEON PD-FG			
	32-100° F	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG AEON PD-XD	AEON PD AEON PD-FG AEON PD-XD	
	100-200° F	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG AEON PD-XD	AEON PD AEON PD-FG AEON PD-XD	AEON PD AEON PD-FG AEON PD-XD
	200-300° F	AEON PD AEON PD-FG	AEON PD AEON PD-FG	AEON PD AEON PD-FG AEON PD-XD	AEON PD-XD	AEON PD-XD
	GREATER THAN 300° F		AEON PD AEON PD-FG	AEON PD-XD	AEON PD-XD	AEON PD-XD

Recommended AEON PD lubricant based on operating conditions.

## ORDER INFORMATION

NOW AVAILABLE in convenient gallon size containers

CONVENIENT PACKAGE SIZES	AEON PD PART NO.	AEON PD-FG PART NO.	AEON PD-XD PART NO.
1 quart	28G23	28H97	28G46
CASE 12 quarts	28G24	28H98	28G47
1 gallon	28G40	28H333	28G42
CASE 4 gallons	28G52	28H470	28G53
5 gallon pail	28G25	28H99	28G44
55 gallon drum	28G28	28H100	28G45

Reference blower operating manual for specific lubrication requirements.

## TECHNICAL DATA


PROPERTIES		AEON PD	AEON PD-FG	AEON PD-XD
VISCOSITY	at 40° C cSt	214	217	365.7
	at 100° C cSt	22.2	24	39.32
	at 100° F SUS	1115	1130	1911.5
	at 210° F SUS	110.7	120	190.4
Pour Point ° F/° C		-38/-39	-46/-43	-44/-42
Flash Point ° F/° C		450/232	535/279	515/268

# Gardner Denver®

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