

AEON® Synthetic Lubricants

AEON® PD, AEON® PD-FG, AEON® PD-XD



GD
GARDNER DENVER

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				
		Less than 10° F	10° F to 32° F	32° F to 60° F	60° F to 90° F	Greater than 90° F
Blower Discharge Temperatures	Less than 32° F	AEON PD AEON PD-FG	AEON PD AEON PD-FG			
	32° F to 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° F to 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° F to 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.

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

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 6 gallons	28G41	28H334	28G43
5 gallon pail	28G25	28H99	28G44
55 gallon drum	28G28	28H100	28G45

Reference blower operating manual for specific lubrication requirements.

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)		
Lube change interval	6000 hours	1500 hours
Cost of replacement lubricant		
Labor (\$45/change)		
TOTAL COST		

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