

# Leading Innovation in Compressed Air Treatment

## AEON lubrication selection chart

	Lubricants	Compressor Type	Suggested Maximum Service Interval*
Petroleum Based	AEON 500	Reciprocating	Consult individual compressor service manual
	AEON 5000	Reciprocating	Consult individual compressor service manual
	AEON 800	Rotary screw	2000 hours
	AEON 2000	Rotary screw	2000 hours
	AEON 4000	Rotary screw	4000 hours
Synthetic	AEON AC SY	Reciprocating	4000 hours
	AEON AC FG	Reciprocating	4000 hours
	AEON 6000FG	Rotary Screw	4000 hours
	AEON BIO	Rotary screw	8000 hours
	AEON 9000SP	Rotary screw	8000 hours
	AEON 9000TH	Rotary screw	8000 hours

\*Registered trademark of E.I. DUPONT de Nemours. \*\*Registered trademark of Celanese Corp.

## Typical Properties/Characteristics of AEON Compressor Lubricants

	Properties/Viscosity	AEON 500	AEON 5000	AEON AC FG	AEON AC SY
Reciprocating	@ 40° C, cSt	100.9	67	94	96.4
	@ 100° C, cSt	11.2	8.3	13.9	9.3
	@ 100° F, SUS	527	348	485	512.3
	@ 210° F, SUS	65	48.5	75	57.7
	Pour Point F/C	0 (-18)	0 (-18)	-60 (-51)	-20 (-28.9)
	Flash Point F/C	500 (260)	457 (236)	530 (277)	515 (268)
	Demulsibility*	43/37/0 – 15 min.	42/38/0 – 15 min.		

	Properties/Viscosity	AEON 800	AEON 2000	AEON 4000	AEON 6000FG	AEON 9000SP	AEON BIO	AEON 9000TH
Rotary Screw	@ 40° C, cSt	36.7	35.2	46.6	46.9	49.01	49.57	66.9
	@ 100° C, cSt	7.6	5.7	7	7.9	7.83	7.45	9.43
	@ 100° F, SUS	187.1	182.7	242	241.2	252.8	256.8	346.9
	@ 210° F, SUS	51.6	45	49.7	52.7	52.5	51.2	58.1
	Pour Point F/C	n/a	(-38.2) -39	-27 (-33)	-44 (-42)	-65 (-54)	-40 (-40)	-43 (-42)
	Flash Point F/C	400 (204)	(419) 215	475 (246)	475 (246)	500 (260)	550 (288)	485 (252)
	Demulsibility*		42/38/0 < 5 min	41/39/0 < 5 min	< 1 min	< 1 min	< 2 min	< 1 min

\*Demulsibility ratings based on test standard ASTM D1401.

# Convenient Package Sizes

Rotary Screw Compressor Lubricants	Package Size	Part Number
<b>AEON 9000SP</b> Polyalphaolefin (PAO) based synthetic premium extended life lubricant	5 Gal.	28H109
	55 Gal.	28H110
<b>AEON BIO</b> Polyolester based, bio-degradable extended life synthetic	5 Gal.	28H102
	55 Gal.	28H103
<b>AEON 6000FG</b> Polyalphaolefin (PAO) based H-1 Food Grade, extended life synthetic lubricant. Authorized by USDA for incidental contact with food	5 Gal.	28H39
	55 Gal.	28H35
<b>AEON 4000</b> Hydrocarbon based semi-synthetic extended life lubricant	5 Gal.	28H57
	55 Gal.	28H36
<b>AEON 2000</b> Hydrocarbon based semi-synthetic rotary screw lubricant	5 Gal.	28G36
	55 Gal.	28G37
<b>AEON 800</b> Petroleum based lubricant formulated specifically for use in rotary screw compressors	5 Gal.	28G7
	55 Gal.	28G8
<b>AEON 9000TH</b> Synthetic ester blend with a polyalphaolefin (PAO)	5 Gal.	28H286
	55 Gal.	28H270

Reciprocating Compressor Lubricants	Package Size	Part Number
<b>AEON AC SY</b> Diester based extended life synthetic lubricant	12 – 1 Qt. Case	28H216
	5 Gal.	28H214
<b>AEON AC FG</b> Polyalphaolefin (PAO) based H-1 Food Grade, extended life synthetic lubricant. Authorized by USDA for incidental contact with food	12 – 1 Qt. Case	28H219
	5 Gal.	28H217
<b>AEON 5000</b> Diester blended long life semi-synthetic lubricant	5 Gal.	28G14
	55 Gal.	28G15
<b>AEON 500</b> Petroleum based, lubricant formulated specifically for use in reciprocating compressors	6 – 1 Gal.	28G22
	5 Gal.	28G19
	55 Gal.	28G13