



Genuine lubricants for rotary screw compressors

Protect and optimise your equipment

CompAir genuine lubricants have been developed according to the **basic needs for lubricating airends**. They ensure optimal **cooling, cleaning, sealing and lubricating**. CompAir genuine oils are essential for problem-free condensate treatment, minimising the energy demand of an airend and ensuring a long service life of all moving parts. They form the basis for reliable and economical operation.

4 basic needs of lubricants:

1 For cooling

Maintain proper operating temperatures in the compressor

2 For cleaning

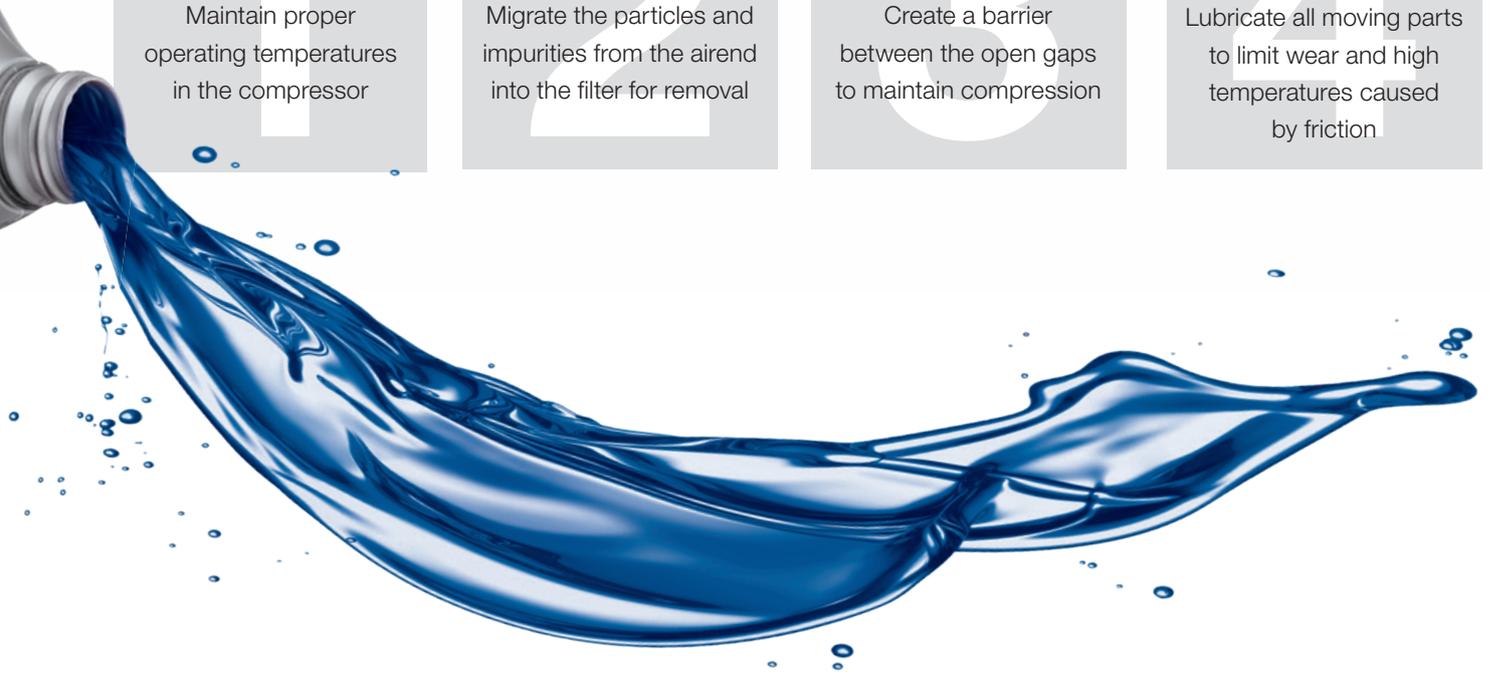
Migrate the particles and impurities from the airend into the filter for removal

3 For sealing

Create a barrier between the open gaps to maintain compression

4 For lubricating

Lubricate all moving parts to limit wear and high temperatures caused by friction





Mineral Oil SCWO

CompAir Fluid Force

Synthetic Oil WRG

AEON S

Foodgrade

AEON SCFG 8000

Quantity	Part Numbers	Part Numbers	Part Numbers
5 litres	SCWOBG2-5	A92130520	ZS1216903
20 litres	SCWOBG2-20	A92130530	ZS1216945
208 litres			ZS1216946
209 litres	SCWOBG2-209	A92130540	
Oil analysis kit	ZS1067995	ZS1067995	ZS1067995

Applications

Superior Protection exceeding industry standard	Superior Protection synthetic lubricant	Food grade extended life lubricant
Low oil carry-over and foaming	Increased machine operating efficiencies	Extended Service Interval
Superior water separation and air release	Formulated for excellent condensate oil/water separation	Reduced emulsification at high temperatures
		Exceptional lubrication at high and low temperatures

<p>CompAir Fluid Force has been developed to resist formation of deposits on rotating components in screw compressors to maintain excellent internal surface cleanliness particularly in oil/air separator and coalescer systems. With many years of successful application, CompAir Fluid Force helps provide effective protection of internal metal surfaces from corrosion and wear.</p> <p>It contains an advanced ashless anti-wear system to help prolong the life of critical parts.</p> <p>CompAir Fluid Force is designed to provide rapid air release without excessive foaming to give trouble-free operation even under cycling conditions.</p> <p>In addition, CompAir Fluid Force has excellent water separation properties to help ensure continuous efficient operation of the compressor even in the presence of condensate.</p>	<p>AEON S is a Superior Protection PAO (poly-alphaolefin)/MFSE (multi-functional synthetic ester) blend formulated with proven additive components.</p> <p>The result is superior thermal and oxidative stability.</p> <p>AEON S is ideal for applications which require extended operating intervals.</p> <p>It is formulated for demulsibility and optimum viscosity over the compressors entire operating temperature range. Lab life and multiple field applications have proven AEON S to provide superior service life, while minimizing oil carry over and unit maintenance.</p>	<p>The AEON SCFG 8000 compressor lubricants are formulated using premium poly-alphaolefin (PAO) and Foodgrade ester synthetic base fluids coupled with a high performance additive package. This innovative formulation has field-proven performance and a rated oil life of 8.000 hours.</p> <p>The AEON SCFG 8000 lubricants feature superior thermal and oxidative stability enabling them to operate over a wide range of temperatures without coking, deposit formation, or corrosion. In addition, the AEON SCFG 8000 lubricants have low volatility, exceptional rust and corrosion protection, and compatibility with mineral oils.</p> <p>The AEON SCFG 8000 lubricants are non-toxic and suitable for use in food processing facilities where NSF H1 certified products are required.</p>
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Specifications

Extended Warranty compliant	Yes	Yes	Yes
Maximum Life expectancy (hours)	4.000	8.000	8.000
Recommended service intervals	4.000 hours or 12 months ²⁾	8.000 hours or 24 months ²⁾	8.000 hours or 24 months ²⁾
Properties/viscosity			
@ 40 °C, cSt	46	49	47
@ 100 °C, cSt	6,9	7,8	7,7
Pour Point °C	-30	-54	-51
Flash Point °C	230	260	262
Demulsibility*		< 1 min	
Water separability @ 54 °C ¹⁾	15 min		

¹⁾ ASTM D1401

²⁾ Recommended service interval is based on operating hours or calendar months, which ever comes first and recommendation for

1. clean ambient conditions 2. filter and separator changes as required in compressor service and operating manual, and

NOTE: Laboratory analysis of compressor fluids should be used to determine lubricant service life.

3. "normal" compressor temperature conditions.

Synthetic Lubricant Compatibility: Lubricants are formulated to be compatible with materials found in air compressor systems.

These compatible materials include: Viton, High Nitrile Buna N, Teflon, epoxy paint, oil resistant alkyd, nylon Delrin and Celcor

Foodgrade lubricants are not compatible with SBR rubber

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