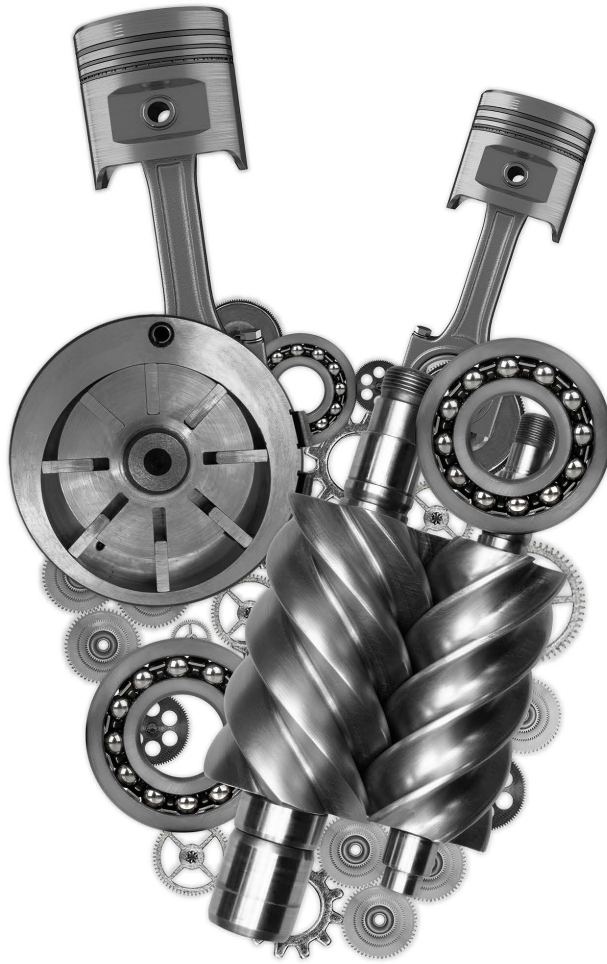


# QUALITY LUBRICATES.



## **Anderol® compressor and vacuum pump lubricants**

The Anderol® lubricant portfolio consists of more than thirty synthetic compressor and vacuum pump lubricants. Whatever the your compressor type of operating environment, we can provide a lubricant that extends drain intervals, decreases deposits, offers superior film strength, and protects your machinery. [www.anderol.com](http://www.anderol.com)

# X\_Anderol®

**QUALITY WORKS.**

**LANXESS**  
Energizing Chemistry

**COMPRESSOR LUBRICANTS**

Anderol® is a specialist in synthetic compressor lubricants since 1941 offering a wide range of lubricants for all sorts of compressors, even in special and heavy duty circumstances. Anderol® is the lubricant provider trusted by the world's leading compressor OEMs thanks to the quality of our products and technical service.

We can answer all your questions on functionality and composition of lubricants, as well as their ease of application, lifespan, and suitability under various environmental conditions. Our goal is to assist you in selecting the optimal compressor lubricant for your specific needs.

**The Benefits of using Anderol® Lubricants**

- Excellent performance
- Extended lubricant life
- Less lubricant usage, thus minimised waste disposal
- Highly efficient protection of equipment
- Low deposit formation
- Extended machinery life
- Reduced downtime and maintenance costs
- Tailor made solutions

**Compressor lubricant base oils**

Synthetic					Semi-synthetic
PAO/Ester	PAO	PAG	Ester	Synthetic	Group III +
3000 series	RCP-68 (FG)	PG FG Supreme 46 E	500/555/568/750/755	C-NRT series	S series
SYNcom HiPerf (FG) series			1200N/1255	C-NRT FGC eries	FG S series
FG XL series			490 series	C-NRT PLUS FG series	
			Syncomp DE HSL 100		

**Benefits**

<b>PAO/Ester</b>	<ul style="list-style-type: none"> <li>■ Outstanding oxidation and thermal stability</li> <li>■ Low ash and carbon formation</li> </ul>
<b>PAO</b>	<ul style="list-style-type: none"> <li>■ Inertness</li> <li>■ High thermal oxidation stability</li> <li>■ Capable to work on a wide temperature range</li> </ul>
<b>PAG</b>	<ul style="list-style-type: none"> <li>■ Resistant to formation of residues and deposits</li> <li>■ More resistant to the gas dilution and ensures better protection of mechanical surfaces</li> <li>■ More water tolerant than other fluid types</li> </ul>
<b>Ester</b>	<ul style="list-style-type: none"> <li>■ Wider operating temperature range</li> <li>■ Superior detergency</li> <li>■ High film strength</li> <li>■ Low pour point</li> </ul>
<b>C-NRT series</b>	<ul style="list-style-type: none"> <li>■ Inert to reactive gases and strong acids</li> <li>■ Withstands attacks of aggressive gases and resists rapid breakdown</li> <li>■ Avoids deposit/lacquering formation</li> <li>■ Hydrolytically stable in high humidity environments</li> </ul>
<b>Group III + synthetic detergency</b>	<ul style="list-style-type: none"> <li>■ Enhanced with premium synthetic esters and proven additive technology</li> <li>■ High performance oils at competitive prices</li> <li>■ Offer the most desirable features of a premium lubricant at a significantly lower price</li> </ul>

## PAO/ESTER BASED

Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
3046	PAO/Ester	46	Synthetic rotary/ centrifugal compressor lubricant	<ul style="list-style-type: none"> <li>Oil-flooded screw, axial and centrifugal compressors</li> <li>Applications requiring an oxidation resistant lubricant</li> <li>Can be used in the presence of the following gases: Air, butadiene, carbon monoxide, furnace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, hydrogen sulfide (dry), natural gas, methane, nitrogen, propane, synthesis gas, Sulphur hexafluoride.</li> </ul>
3057M	PAO/Ester	57	Synthetic centrifugal/ rotary/ reciprocating compressor lubricant	<ul style="list-style-type: none"> <li>Oil-flooded rotary screw- and vane compressors</li> <li>Can be used for the compression of air, helium and hydrocarbon gases containing fractions of acidic components such as H<sub>2</sub>S.</li> <li>Especially recommended for railway brake systems.</li> <li>Knorr-Bremse and Sab Wabco approved</li> </ul>
3068	PAO/Ester	68	Synthetic rotary/ reciprocating compressor lubricant	<ul style="list-style-type: none"> <li>Oil-flooded screw and vane compressors</li> <li>Any other application requiring an oxidation resistant lubricant.</li> <li>Can be used in the presence of the following gases: Air, carbon monoxide, carbondioxide (dry), ethylene, helium, hydrogen, natural gas, methane, nitrogen, propane, and butadiene.</li> </ul>
3100 3150	PAO/Ester	100 150	Synthetic reciprocating compressor lubricant for general purposes	<ul style="list-style-type: none"> <li>Piston and vane compressors</li> <li>Any other applications requiring an oxidation resistant lubricant.</li> <li>Can be used in the presence of the following gases: Air, carbon monoxide, carbon dioxide (dry), ethylene, helium, hydrogen, natural gas, methane, nitrogen, propane, and butadiene.</li> </ul>
SYNcom HiPerf series	PAO/Ester	46 100	Rotary screw compressor lubricant with extreme long life	<ul style="list-style-type: none"> <li>High performance oil with extreme long oil life</li> <li>Suitable for rotary screw compressors.</li> <li>Very low deposit formation results in clean machinery lubrication.</li> </ul>
SYNcom FG HiPerf series	PAO/Ester	46 100	<b>H1 food grade</b> rotary screw lubricant with extreme long life	<ul style="list-style-type: none"> <li>High performance oil with extreme long oil life</li> <li>Suitable for rotary screw compressors.</li> <li>Very low deposit formation results in clean machinery lubrication.</li> </ul>
FG XL 32 FG XL 46 FG XL 68 FG XL 100 FG XL 150	PAO/Ester	32 46 68 100 150	<b>H1 food grade</b> high performance compressor and vacuum pump lubricant	<ul style="list-style-type: none"> <li>Rotary-screw compressors, other rotating equipment applications and vacuum pumps where incidental food contact may occur.</li> <li>Performance time 8,000 to 10,000 hrs for fixed compressors, up to 12,000 hrs with lubricant analysis monitoring*).</li> </ul>

## PAO BASED

Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
RCF-P 68	PAO	68	Synthetic refrigeration compressor lubricant	<ul style="list-style-type: none"> <li>Lubricant for reciprocating and rotary compressors in refrigeration systems with high pressure and very low evaporation temperatures.</li> <li>Total compatibility with ammonia.</li> <li>Can be used with R723 (a mixture of 60% ammonia and 40% dimethyl ether), CO<sub>2</sub>, propane, and propylene (R1270)</li> </ul>
RCF-P 68 FG	PAO	68	<b>H1 food grade</b> synthetic refrigeration compressor lubricant	<ul style="list-style-type: none"> <li>Lubricant for reciprocating and rotary compressors in refrigeration systems with high pressure and very low evaporation temperatures.</li> <li>Total compatibility with ammonia.</li> <li>Can be used with R723 (a mixture of 60% ammonia and 40% dimethyl ether), CO<sub>2</sub>, propane, and propylene (R1270)</li> </ul>

## ESTER BASED

Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
1200N	Ester	320	Synthetic reciprocating compressor lubricant	<ul style="list-style-type: none"> <li>Long term cylinder and crankcase lubricant for reciprocating process, gas compressors and vacuum pumps.</li> <li>For use in applications (excl. H2) in combination with dry nitrogen.</li> </ul>
1255		320		
495	Ester	32	Synthetic centrifugal/rotary/ reciprocating compressor lubricant	<ul style="list-style-type: none"> <li>Oil-flooded rotary screw-, rotary vane-, axial-, and centrifugal compressors and vacuum pumps</li> <li>In the presence of the following gases: Air, butadiene, carbon monoxide, furnace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, hydrogen sulfide (dry), natural gas, methane, nitrogen, propane, synthesis gas, and sulphur hexafluoride.</li> </ul>
496		46		
497		68		
500	Ester	100	Synthetic reciprocating compressor/ vacuum pump lubricant	<ul style="list-style-type: none"> <li>Cylinder and crankcase lubrication for reciprocating compressors, vane compressors and vacuum pumps.</li> <li>Can be used in the presence of the following gases: Air, butadiene, carbon monoxide, carbon dioxide (dry), ethylene, helium, hydrogen, natural gas, methane, nitrogen, and propane.</li> </ul>
555		100		
750		150		
755		150		
568	Ester	68	Synthetic vane compressor lubricant	<ul style="list-style-type: none"> <li>Suitable for screw, vane and piston compressors</li> <li>Low pour-point and high film strength</li> <li>Suitable for start/stop mode in cold weather conditions, e.g. snow blowers.</li> </ul>
Syncomp DE HSL 100	Ester	100	Hazard label-free synthetic compressor lubricant	<ul style="list-style-type: none"> <li>Hazard safety label-free lubricant</li> <li>Suitable for vane and piston compressors and vacuum pumps</li> <li>BAM recommended for vacuum pumps for oxygen, pressure up to 2 bar</li> </ul>

## PAG BASED

Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
PG FG Supreme E 46	PAG	46	<b>H1 food grade</b> Synthetic reciprocating compressor lubricant	<ul style="list-style-type: none"> <li>Rotary screw compressors</li> <li>Designed for use in high pressure natural gas and ethylene compression</li> <li>Suitable for applications in combination with dry nitrogen (excl. H2)</li> </ul>



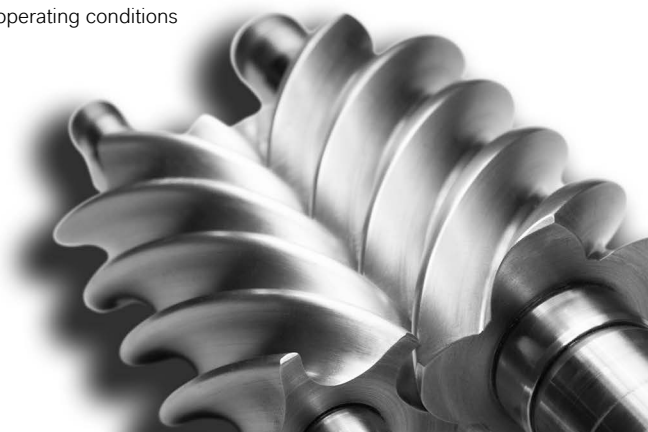
## INERT LUBRICANTS FOR AGGRESSIVE ENVIRONMENTS

Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
C-NRT 68	Synthetic	68	Inert compressor lubricant	<ul style="list-style-type: none"> <li>Extremely stable lubricant that provides inertness and long-term lubrication. Withstands all aggressive gases and resists rapid breakdown.</li> <li>Cylinder and crankcase lubrication for centrifugal and screw compressors.</li> <li>Suitable to use in the following gases: air, butadiene, carbon monoxide, furnace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, fluoride gases, hydrogen sulfide (dry), natural gas, methane, nitrogen, propane, synthesis gas, Sulphur hexafluoride, bio gas.</li> <li>Viscosities 32 and 46 are available on demand.</li> </ul>
C-NRT 100		100		
C-NRT 150		150		
C-NRT Plus 32 FG	Synthetic	32	<b>H1 food grade</b> inert vacuum pump lubricant	<ul style="list-style-type: none"> <li>Especially designed to lubricate vacuum pumps in combination with reactive gases.</li> <li>Suitable for other rotary equipment.</li> <li>Suitable to use in the following gases: Air, butadiene, carbon monoxide, furnace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, fluoride gases, hydrogen sulfide (dry), natural gas, methane, nitrogen, propane, synthesis gas, Sulphur hexafluoride, bio gas.</li> </ul>
C-NRT Plus 100 FG		100		
C-NRT FGC 68	Synthetic	68	<b>H1 food grade</b> inert compressor lubricant	<ul style="list-style-type: none"> <li>Cylinder and crankcase lubrication for centrifugal and screw compressors</li> <li>Suitable to use in the following gases: Air, butadiene, carbon monoxide, furnace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, fluoride gases, hydrogen sulfide (dry), natural gas, methane, nitrogen, propane, synthesis gas, Sulphur hexafluoride, biogas. Viscosities 32 and 46 are available on demand.</li> </ul>
C-NRT FGC 100		100		

## SEMI-SYNTHETIC ECONOMIC VALUE

Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
S 32	Group III+ Synthetic detergency	32	Semi-synthetic rotary screw compressor lubricant	<ul style="list-style-type: none"> <li>Oil-flooded rotary screw compressors, centrifugal compressors and other applications requiring an oxidation resistant lubricant.</li> <li>Performance time up to 6,000 hrs*.</li> </ul>
S 46		46		
S 68		68		
S 100		100		
S 150		150		
FG S 32	Group III+ Synthetic detergency	32	<b>H1 food grade</b> semi-synthetic rotary screw compressor lubricant	<ul style="list-style-type: none"> <li>Oil-flooded rotary screw compressors, centrifugal compressors and other applications requiring an oxidation resistant lubricant.</li> <li>Performance time up to 6,000 hrs*.</li> <li>DIN 51506 and is NSF/H1 registered. The product is certified Kosher by the Orthodox Union and Halal by the Islamic Food Council of Europe.</li> </ul>
FG S 46		46		
FG S 68		68		
FG S 100		100		

\*Under normal operating conditions





# LANXESS

Energizing Chemistry

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