

HIGH PERFORMANCE FOOD GRADE LUBRICANTS



The synthetic lubricant specialist since 1941.

ANDEROL offers a portfolio of innovative Food Grade Lubricants that fully comply with all HACCP (Hazard Analysis and Critical Control Point) food safety regulations, serving a wide range of applications and industries. Backed by years of experience and a pedigree of technical leadership, our portfolio of products supports a variety of markets, where equipment performance, efficiency and productivity are paramount.

We are a world leader in high-performance synthetic lubricants, used in demanding applications. ANDEROL Synthetic and White Oil-based lubricants perform better in several critical areas than many widely used conventional and other Food Grade lubricants and can be used in the most severe, heavy-duty applications throughout your entire manufacturing operation. Driven by commitment to customer satisfaction, we have designed our products to meet or exceed the increasing demands of the industries we serve.

We have earned the confidence of our customers, largely due to extensive research and development and technical service capabilities and the ability to work with our customers to offer the most cost effective solutions for their applications. We welcome the opportunity to discuss our products and services with you and provide you with a tailor-made solution for your critical application.

**The benefits of using
ANDEROL Food Grade lubricants**

- Superior performance
- Extended lubricant life
- Less lubricant used, thus minimised waste/disposal
- Superior protection of equipment
- Extended machinery life
- Reduced down time and maintenance costs
- Improved food safety
- Tailor made solutions



GOOD REASONS TO CHOOSE ANDEROL®

Technical service and support

Our worldwide and local technical professionals are ready to assist you with your critical application needs. We can provide you with specific advice for your precise circumstances and equipment. We can monitor your equipment, thus reduce operating costs by reducing downtime and maintenance costs and lengthen oil drainage intervals, which will also reduce waste. Moreover, we can train your team on lubrication and safety. The right lubricant will enhance performance, extend equipment life, save costs and protect the environment.

Quality products

ANDEROL is one of the most respected brands in the lubricants world thanks to the quality of our products. The application of ANDEROL products cuts maintenance requirements usually by half, improves operating efficiency and increases machine life significantly. ANDEROL Food Grade Lubricants outperform other food grade lubricants.

R&D

One of ANDEROL's major assets is the flexibility that we can provide in formulating products and performing (oil analysis) tests to find the best possible solution for your critical application.

Partnership

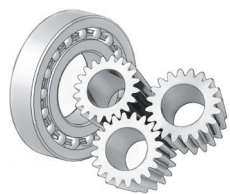
We will be your partner and provide you with outstanding products and customer service together with our worldwide network of selected ANDEROL distributors.

Guaranteed Safety and Reliability

ANDEROL Lubricants may be used in applications where incidental food contact may potentially occur. The unique composition of these products poses no threat to the health of consumers and are excellent for use in a HACCP work policy. Aside from being H1, NSF registered, ANDEROL Food Grade lubricants are also Kosher and Halal certified. Manufactured in an ISO 21469 and 9001 certified plant.



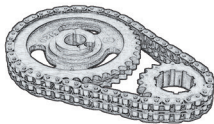
GEARS
& BEARINGS



Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
6150	PAO	150	H1 High Performance Food Grade Gear Lubricant	Gear sets, excluding worm gears*, bearings, circulating oil systems and chains.
6220	PAO	220		
6220 Spray	PAO	220		
6320	PAO	320		
6460	PAO	460		
6680	PAO	680		
C-NRT FG Gear 220	Synthetic	220	H1 Food Grade Inert Gear Lubricant	Gear sets, excluding worm gears*, bearings, circulating oil systems, chains.
C-NRT FG Gear 460	Synthetic	460		
PQAA 150	White Oil	150	H1 Food Grade Gear Lubricant	Suitable for food manufacturing applications where incidental food contact may occur. Recommended for use in: Worm gear applications, bearings and gears, seamers, chain lubrication, wipe down oil.
PQAA 220	White Oil	220		
PQAA 320	White Oil	320		
PQAA 460	White Oil	460		
PQAA 680	White Oil	680		
PQAA 1000	White Oil	1000		

* For worm gears Anderol 7000 Series is recommended

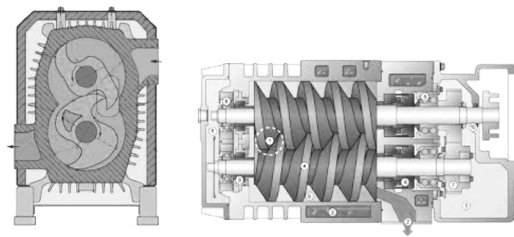
GEARS
& CHAINS



Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
7150 FG	PAG	150	H1 High Performance Food Grade Gear & Chain Lubricant	Worm gears, chains and ways, including high water containing applications. Can also be used in: Low speed gear sets, bearings and circulating oil systems.
7220 FG	PAG	220		
7320 FG	PAG	320		
7460 FG	PAG	460		
CHAIN OIL XL 220 FG	POE	220	H1 High Temperature Synthetic Food Grade Chain Oil	Conveyor systems in tunnel and spiral ovens, printing and coating operations, wood-forming machinery, such as that used in the oriented strand board or plywood industry, other applications requiring a high temperature bearing, cam or slide lubricant and baking/ oven chains.



COMPRESSORS & VACUUM PUMPS

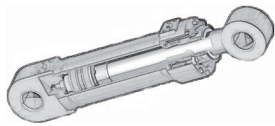


Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
C-NRT Plus 32 FG	Synthetic	32	H1 Inert Vacuum Lubricant	Especially designed to lubricate vacuum pumps in combination with reactive gases. Also suitable for other rotary equipment. Applicable in contact with the following gases: Air, butadiene, carbon monoxide, furnace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, fluoride gases, hydrogen sulfide (dry), natural gas, methane, nitrogene, propane, synthesis gas, Sulphur hexafluoride, bio gas.
C-NRT Plus 100 FG	Synthetic	100		
C-NRT FGC 32	Synthetic	32	H1 Food Grade Inert Compressor Lubricant	Cylinder and crankcase lubrication for centrifugal and screw compressors for the following gases: Air, butadiene, carbon monoxide, fumace (crack) gas, carbon dioxide (dry), ethylene, helium, hydrogen, fluoride gases, hydrogen sulfide (dry), natual gas, methane, nitrogen, propane, synthesis gas, Sulphur hexafluoride, bio gas.
C-NRT FGC 46	Synthetic	46		
C-NRT FGC 68	Synthetic	68		
C-NRT FGC 100	Synthetic	100		
FGC 32	PAO	32	H1 Synthetic Food Grade Compressor Lubricant	Recommended for use in rotary-screw compressors and other rotating equipment applications, where incidental food contact may occur. Nominal operating range is -35/-40°C to 170°C.
FGC 46	PAO	46		
FGC 68	PAO	68		
FGC 100	PAO	100		
FG XL 32	PAO	32	H1 High Performance Food Grade Compressor Lubricant	Improved detergency performance. Recommend for use in rotary-screw compressors, other rotating equipment applications and vacuum pumps where incidental food contact may occur. Nominal operating range is -35/-40°C to 170°C. Performance time 8,000 to 10,000 hrs for fixed compressors, up to 12,000 hrs with lubricant analysis monitoring*).
FG XL 46	PAO	46		
FG XL 68	PAO	68		
FG XL 100	PAO	100		
FG XL 150	PAO	150		
FG S 46	Group III + synthetic detergency	46	Semi-Synthetic H1 High Performance Food Grade Compressor Oil	Recommended for use in Oil-flooded rotary screw compressors, centrifugal compressors and other applications requiring an oxidation resistant lubricant. Performance time up to 6,000 hrs*.
FG S 68		68		
RCF-P 68FG	PAO	68	H1 High Performance Food Grade Compressor Lubricant	Recommend for use in rotary-screw compressors and other rotating equipment applications where incidental food contact may occur. Nominal operating range is -35/-40°C to 170°C. This product was especially designed to be used in ammonia refrigeration applications.

* Under standard conditions of use



HYDRAULICS



Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
FGH 15	PAO	15	H1 High Performance Food Grade Lubricant	Recommended for hydraulic systems in food processing machinery. Also recommended for chains, vanes, canning and bottling machinery. Nominal operating range -35/-40°C to 170°C.
FGH 22	PAO	22		
FGH 32	PAO	32		
FGH 46	PAO	46		
FGH 68	PAO	68		
FGH 100	PAO	100		
PQAA 22	White Oil	22	H1 Food Grade Lubricant General Purpose	Suitable for food manufacturing applications where incidental food contact may occur. Recommended for use in hydraulic systems, slide ways, pneumatic tools and wipe down oil. Can generally be used in all other rotating equipment applications. Performance time up to 4,000 hrs*.
PQAA 32	White Oil	32		
PQAA 46	White Oil	46		

* Under standard conditions of use

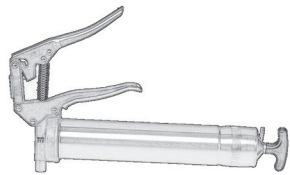
OTHER APPLICATIONS



Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
DDO	Vegetable Oil	typical 35	3H Food Grade Dough Divider Oil	Lubricant for dough dividers in the baking industry, protective coatings for food stuffs, dust control agent, release agent, forming and rolling of aluminum foil, meat hooks and butcher equipment.
PQ CAL	White Oil	typical 35	HT1 Food Grade Heat Transfer Fluid	A non-hazardous, non-toxic and odourless high performance heat transfer fluid, which is authorised for incidental food contact.
Sugar Dissolving Oil			H1 Food Grade Sugar Dissolving Oil	Prevents sugar build-up when applied, dissolves sugar and fondant, provides a lubricating film, insensitive to light, rust preventing and easy to rinse off, high temperature resistant, does not become rancid over time, easy to apply by brush, drip or spray.
All 5	PAO	5.5	H1 High Performance Air Line Lubricant	Recommended for use in all sorts of pneumatic tools and as a flushing fluid; conveyor line components, controls and all air actuated components.



GREASES



Anderol®	Base Fluid	Viscosity ISO VG	Description	Application
FGCS-2	White Oil	95	H1 Food Grade Calcium Sulfonate Complex Grease	Superior mechanical stability, particularly in the presence of heat and water, formulated to resist separation under centrifugal forces, excellent rust prevention properties, excellent load carrying ability and wear protection, excellent resistance to water washout and spray-off, H1 grease for incidental contact with food, heavy duty food grade applications and increased life performance.
FGCS-2 Plus	PAO	50	H1 Synthetic Food Grade Calcium Sulfonate Complex Grease	Superior mechanical stability, particularly in the presence of heat and water, formulated to resist separation under centrifugal forces, excellent rust prevention properties, excellent load carrying ability and wear protection, excellent resistance to water washout and spray-off, H1 grease for incidental contact with food, heavy duty food grade applications, increased life performance.
FGCS-2 HD	PAO	400	H1 Synthetic Heavy Duty Food Grade Calcium Sulfonate Complex Grease	Low to medium speed bearings operating under harsh conditions, applications operating during periods of infrequent lubrication, heavy duty food grade applications, e.g. presence of water, heat or extreme load.
783-00	PAO	350	H1 Synthetic Food Grade Aluminium Complex Grease	Lubrication of roller and friction bearings in food and beverage, cosmetic and pharmaceutical industries, high temperatures, high loads and water exposure, high quality general-purpose food grade grease, grease lubricated points in can seaming and bottling, excellent wear protection, prevents rusting, with good mechanical stability.
783-00 Spray	PAO	350		
783-0	PAO	350		
783-1	PAO	350		
783-2	PAO	350		
FG Si 3	Silicone	3000	H1 Food Grade Silicon Grease	A silicone based grease for the lubrication of valves and taps. Especially designed to lubricate and seal upper ball joints of taps.
HTFG-2	PFPE	500	H1 General Purpose Grease for Elevated Temperatures	Food grade high temperature grease, applications where elastomer compatibility is a must, temperature charged conveyors, baking ovens, drying, lacquering and enamelling furnaces, tunnel furnace trolleys, hot gas fans, textile tenter frames, foil stretching machines, valves and fittings for oxygen (up to 60°C and pressure limit of 100 bar), bicycle shifters, bicycle suspension, fishing reels and CD-DVD drives (main bearing).
PQAA Grease #2	White Oil	160	H1 Aluminium Complex General Purpose Grease with EP properties NLGI 2	Lubrication of friction bearings even at high temperatures and water exposure, general purpose food grade grease, lubrication of machinery in food and beverage industry, grease lubricated points in can seaming and bottling, excellent wear protection, prevents rusting, good mechanical stability.
PQAA-00 PLUS	White Oil	160	H1 Aluminium Complex General Purpose Grease with EP properties NLGI 00, 0, 1, 2	Lubrication of friction bearings even at high temperatures and water exposure, general purpose food grade grease, lubrication of machinery in food and beverage industry, grease lubricated points in can seaming and bottling, excellent wear protection, prevents rusting, good mechanical stability.
PQAA-0 PLUS	White Oil	160		
PQAA-1 PLUS	White Oil	160		
PQAA-2 PLUS	White Oil	160		



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For additional information on any of our products, call or email us today. Product data and MSDS sheets on our lubricants are available from our website. Before using any chemical, read its label and Material Safety Data Sheet.