



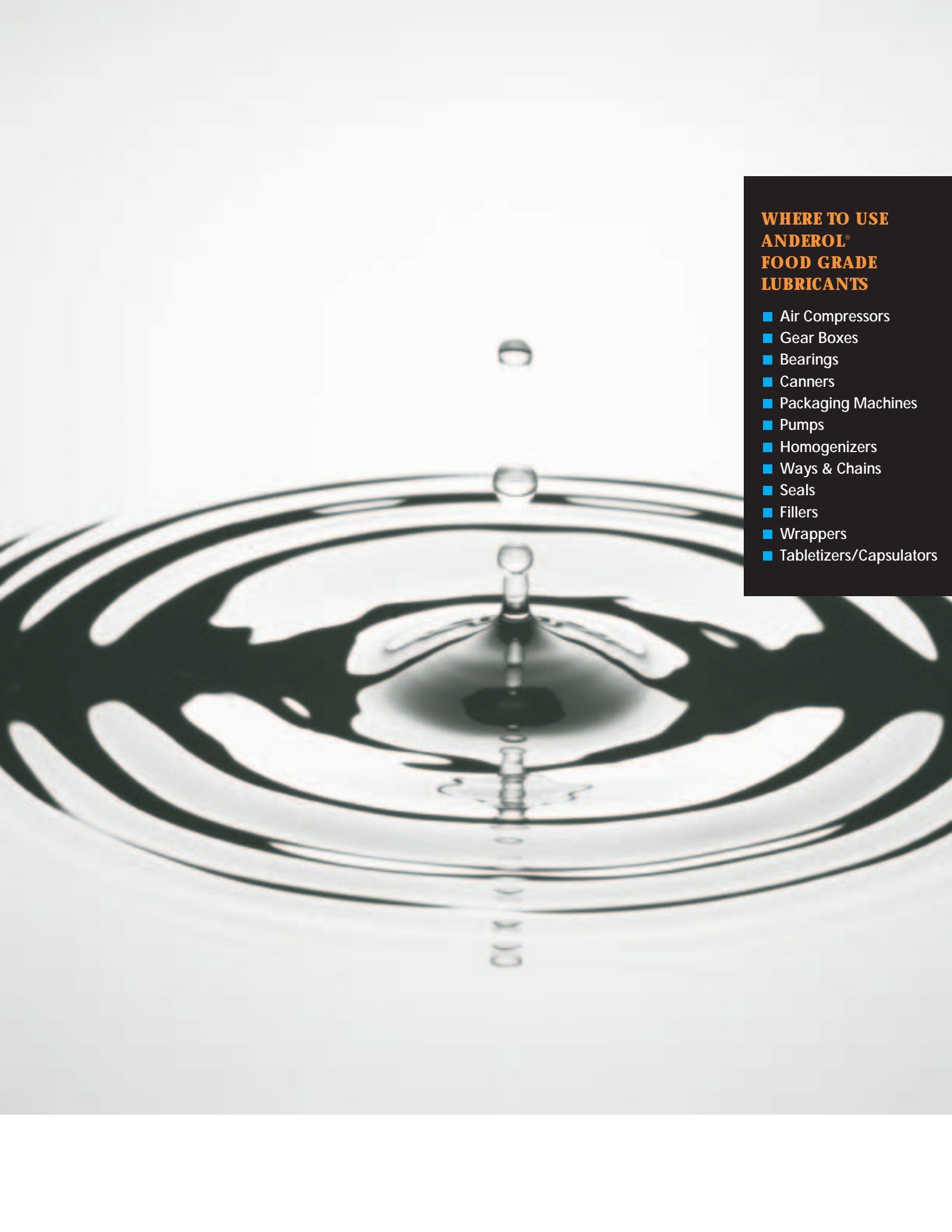
ANDEROL®

Specialty Lubricants

Food & Beverage Lubricants

TAILORED SOLUTIONS FOR CRITICAL APPLICATIONS





**WHERE TO USE
ANDEROL®
FOOD GRADE
LUBRICANTS**

- Air Compressors
- Gear Boxes
- Bearings
- Canners
- Packaging Machines
- Pumps
- Homogenizers
- Ways & Chains
- Seals
- Fillers
- Wrappers
- Tabletizers/Capsulators



ANDEROL®

Food Grade Lubricants

Manufacturers of food, beverages, pharmaceuticals, and other consumables no longer face a no-win situation when selecting lubricants. No longer must anyone settle for poor performance and lower productivity in order to comply with governmental

- Maximum Equipment Performance
- Superior Protection of Equipment
- Full Regulatory Safety Compliance

safety and environmental regulations.

Food processors can now effectively achieve HACCP (Hazard Analysis and Critical

Control Point) food safety goals with Anderol Food Grade Synthetic and White Oil-based Lubricants. Our FDA compliant lubricants not only outperform other food grade lubricants, they actually perform better in several critical areas than many widely used conventional lubricants. In fact, ANDEROL and PQ Food Grade Lubricants can be used in the most severe, heavy-duty applications throughout your entire manufacturing operation. In the process, they'll also save you time and money.

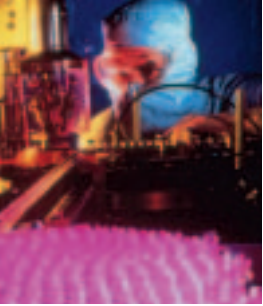
PQ® AND ANDEROL®

H1 and H2* Food Grade Lubricant applications maximize equipment performance and minimize wear, without contaminating equipment or products.

Typical Applications

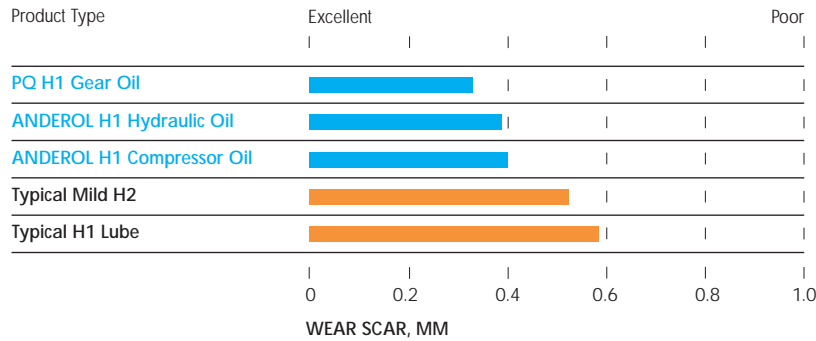
- Baking
- Bottling
- Pharmaceuticals
- Fruits
- Vegetables
- Canning
- Meat
- Poultry
- Dairy

* H1 and H2 are designations which were originally defined by USDA and continued by NSF International and industry organizations



SUPERIOR ANTI-WEAR CHARACTERISTICS

ANDEROL® Food Grade products provide proven wear protection while meeting the requirements of FDA Regulation 21 CFR 178.3570, and NSF standards. Plants using our food grade products will attest to their superior performance. They provide good resistance to the water and steam commonly present in food processing plants. They also perform well at extremely high and low temperature ranges.

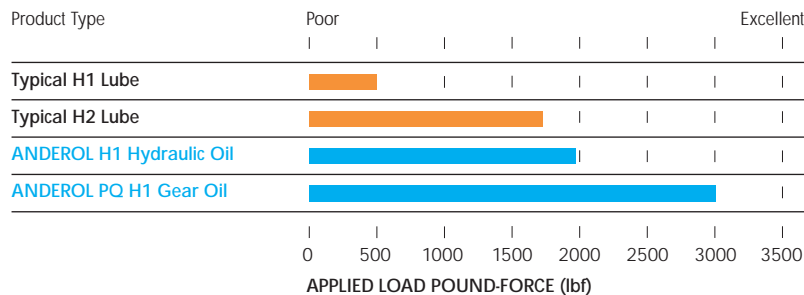


ASTM D-226

Four Ball Wear Test
1,200 rpm 167°F (75°C)
40kg, 1 hr, mm

BETTER PERFORMANCE UNDER EXTREME PRESSURE

When your processing equipment is put to the test, your lubricants must perform. In ASTM extreme pressure tests with applied loads as high as 3,000 lbf (pound-force), both PQ White Oil-based and ANDEROL Synthetic (PAO) based Food Grade Lubricants outperformed premium oils. They keep equipment operating at peak levels.



ASTM D-3233

Extreme Pressure Test

OUR EXTENSIVE FOOD GRADE PRODUCT LINE HELPS CONSOLIDATE YOUR INVENTORIES

ANDEROL manufactures a diverse line of synthetic food grade lubricants to meet multiple requirements and applications in the food or drug processing industries. By standardizing on ANDEROL Food Grade Synthetic Lubricants, many companies have been able to reduce their lubricant inventory by as much as 50%. You can make substantial savings on warehousing and carrying costs while improving cash flow. Our high-performance product lines provide a single, cost-effective lubricant source for food grade applications throughout your entire operation.

FOOD GRADE LUBRICANTS

Application	ANDEROL	Base Fluid	Viscosity ISO VG	Description
Compressors & Vacuum Pumps, Rotary, Vane, Reciprocating, Specialty Air/Gas Compression	FGC 5	PAO	5	Synthetic Based Fluids Designed for Wide Temperature Range and Extended Drain Cycles. Enhanced Thermal Properties Versus Traditional Products
	*FGC 10	PAO	32	
	*FGC 20	PAO	46	
	*FGC 30	PAO	68	
	*FGC 40	PAO	100	
	¹ FGC 150	PAO	150	
Pneumatic & Hydraulic Systems Multiple types of pumps	PQ AA-10	White Oil	32	Multi Spectrum Food Grade Lubricant for a Wide Variety of Applications
	PQ AA-20	White Oil	46	
	PQ AA-30	White Oil	100	
	PQ AA-40	White Oil	150	
	FGH 22	PAO	22	Synthetic Lubricants for General Purpose Applications
	FGH 32	PAO	32	
	FGH 46	PAO	46	
	FGH 68	PAO	68	
	FGH 100	PAO	100	
Gears & Bearings	PQ AA 80	White Oil	68/100	High Performance White Oil Based Gear Oils with Enhanced Additive Technology that Offers Wear and EP Protection
	PQ AA 90	White Oil	150/220	
	PQ AA 100 GP	White Oil	100	
	PQ AA 85W-140	White Oil	320	
	PQ AA 140	White Oil	320/460	
	PQ AA 250	White Oil	680	
	PQ AA 1000	White Oil	1000	
	6068	PAO	68	State-of-the-Art Synthetic Food Grade Lubricants designed for Wide Temperature Applications, Extended Drains, and Superior Wear Protection
	6100	PAO	100	
	6150	PAO	150	
	6220	PAO	220	
	6320	PAO	320	
	6460	PAO	460	
	6680	PAO	680	
Chain Lubricants	HTC 220	PAO	220	General Purpose Chain Lubricants Offering Extreme Temperature Protection and Low Deposit Formation
	HTC 460	PAO	460	
	HTC PG 150	PAG	150	High Temperature Applications
Food Grade Greases	PQ AA-1	White Oil	100	White Oil Based Aluminum Complex, NLGI 0, NLGI 1, and NLGI 2 Greases
	PQ AA-2	White Oil	100	
	PQ AA-2 Plus	White Oil	100	
	PQ 40 AA-0	White Oil	150	
	PQ 40 AA-1	White Oil	150	
	PQ 40 AA-2	White Oil	150	
General Purpose Grease	780-0	PAO	N/A	PTFE fortified food grade NLGI 0 grease designed for blow molders or other equipment requiring solid film lubrication
	783-1	PAO	220	Food Grade Grease in NLGI 1
	783-2	PAO	220	Food Grade Grease in NLGI 2
Special Purpose Lubricants	PQ AA Airline Lubricant	White Oil	20	Designed for Pneumatic Tool Components
	PQ Cooker & Valve Oil	White Oil	150	Bearing, Chain, and Way Oil for Commercial Food Cookers
	PQ AA Trolley Lubricant	White Oil	68	Designed for Trolleys in Meat and Poultry Processing Facilities

Most of the above products are recommended for H1 food grade applications. Please consult individual Product Data Sheets to confirm NSF grade. We provide a single source supply of the highest quality food grade lubricants in the industry.

¹ANDEROL FGC 150 — formerly ANDEROL FGC 50.

*All ANDEROL FGC series products will be moving to ISO VG (Viscosity Index) nomenclature in the future.

CONTACT ANDEROL® TODAY

ANDEROL can provide you with a source for high quality specialty lubricants. Our technical professionals are ready to assist you with your specific application needs. For additional information on any of our products, call or fax us today. Product data and MSDS sheets on our lubricants are available upon request.

Anderol markets a variety of synthetic and specialty lubricants under the ANDEROL®, ROYCO®, AOSyn®, and PQ® registered trademarks. These products are widely used in industrial, commercial, and military markets. Our compressor, aviation, gear, bearing, and food grade lubricants have earned an outstanding reputation for their more than 60 years of superior performance.

Warranty: All products purchased from Anderol Inc. and its global subsidiaries are subject to the terms and conditions set out in the sales contract, order acknowledgement, and/or bill of lading. Anderol Inc. warrants only that its products will meet those specifications designated as such herein or in other Anderol Inc. publications. All other information supplied by Anderol Inc. is believed to be accurate but is furnished upon the express condition that the customer or user shall make its own assessment to determine the product's suitability for a particular purpose. No Warranty is expressed or implied regarding such other information, the data upon which the same is based, or the results obtained from the use thereof, that any product shall be merchantable or fit for any particular purpose, or that the use of such other information or product will not infringe any patent. Before using any chemical, read its label and Material Safety Data Sheet.

If you would like improved performance from your critical equipment, call us today. We are pleased to discuss our lubricants, provide additional technical data, and offer advice on specialty lubrication issues.

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