



Industrial & Specialty Greases

TAILORED SOLUTIONS FOR CRITICAL APPLICATIONS





ANDEROL

Industrial & Specialty Greases

For over sixty years, Anderol has been a leading innovator in the development of synthetic lubricant solutions for a wide range of specialty applications and industrial solutions.

- Optimum Equipment Performance
- Reduce Down Time & Maintenance Costs
- Tailored Solutions for Critical Applications

In our commitment to exceed the increasing and changing lubrication requirements of the customers,

industries, applications and equipment we serve — Anderol has dedicated significant resources in the Research & Development, Manufacturing, and Technical Support of Grease Lubrication.

Working hand-in-hand with equipment manufacturers ensures that Anderol's expanding lubricant product lines utilize the very latest lubricant technology to offer unique and effective lubricant solutions in critical applications. We welcome the opportunity to discuss our products and services with you and demonstrate our unique ability to offer the most cost effective solution for your application.

Typical Applications for Greases

- Automotive
- Bearings
- Bushings
- Cams & Gears
- Hinges
- Packings
- Wire Ropes
- Valves

ANDEROL® and **ROYCO®** are two of the most respected brands in the lubricants world. The products contained in this brochure represent our grease lubricant products, all of which consistently deliver on the promise of improved equipment performance, as well as reduced downtime and maintenance costs; many under extreme load and environmental conditions. We are proud to offer them to you.

Excellent high temperature characteristics as well as good water resistance are just two of the general properties offered by the below listed greases.

Inorganic Thickened Greases

Product Name	Base Oil Type	ISO VG	Typical Color	NLGI Grd	Operating Temperature (°C)	Dropping Point (°C)	Performance
ANDEROL 786	DiE/MO			2	-20 to 230	274	AW/EP
ANDEROL HT #2	MO	460	Black	2	-5 to 230	300	AW
ROYCO 11MS	MO		Black	1	-40 to 220	274	AW/EP
ROYCO 22CF	PAO	32	Brown	2	-65 to 220	>340	AW
ROYCO 22MS	PAO	32	Gray-Brown	2	-65 to 220	>340	AW
ROYCO 49	MO	460	Gray-Brown	2	-5 to 230	280	AW/EP
ROYCO 45	MO	460	Amber	2	-5 to 230	300	AW/R&O

BASE OIL TYPE

DiE : Diester
 MO : Mineral Oil
 PAO : Polyalphaolefin

PERFORMANCE

AW : Anti-Wear
 EP : Extreme Pressure
 R&O : Rust & Oxidation Inhibited



More than a dozen products comprise Anderol's Lithium Grease product offering. These products generally serve as good multi-purpose grease lubricants. Good shear stability is just one of the many benefits generally offered by these greases. The Anderol 81 EP Series Greases serve especially well in heavy equipment and crushers.

LITHIUM GREASES

Product Name	Base Oil Type	ISO VG	Typical Color	NLGI Grd	Operating Temperature (°C)	Dropping Point (°C)	Performance
ANDEROL 732	DiE	22/32	Amber	0	-20 to 120	N/A	AW
ANDEROL 757	DiE/Poly Meth	22/32	Amber	2	-40 to 150	180	AW
ANDEROL 793	DiE	10	Amber	2	-55 to 150	180	AW
ANDEROL 794	DiE	10	Amber	1	-55 to 150	180	AW
ANDEROL 795	DiE	10	Amber	1	-55 to 150	180	AW
ANDEROL 81 EP-2	MO	150	Green	2	-40 to 150	200	AW/EP
ANDEROL 81 EP-1	MO	150	Green	1	-45 to 150	200	AW/EP
ANDEROL 83 EP-1	MO	22	Green	1	-55 to 105	195	AW/EP
ANDEROL 81 HVEP-2	MO	320/460	Black	2	-20 to 150	200	AW/EP
ANDEROL R&O Lithium	MO		Amber	2	-30 to 150	200	R&O
ROYCO 27	DiE		Tan	2	-73 to 135	188	AW/EP
ROYCO 32	DiE		Amber	6+	-65 to 120	204	R&O
ROYCO 36	DiE		Tan		-65 to 135	N/A	AW
ROYCO 43	PAO/DiE		Tan	2	-65 to 120	196	R&O
ROYCO 46	DiE		Off White	0	-65 to 120	N/A	R&O
ROYCO 64	DiE		Black	2	-73 to 135	177	AW/EP

BASE OIL TYPE

DiE : Diester
MO : Mineral Oil
PAO : Polyalphaolefin
Poly Meth : Poly Methacrylate

PERFORMANCE

AW : Anti-Wear
EP : Extreme Pressure
R&O : Rust & Oxidation Inhibited

These grease lubricant products offer benefits including: Excellent High Temperature Characteristics, Very Good in High Moisture Environments and Excellent Shear Stability. Synthetic Base Oil Greases offer Excellent Low Temperature Characteristics.

LITHIUM COMPLEX GREASES

Product Name	Base Oil Type	ISO VG	Typical Color	NLGI Grd	Operating Temperature (°C)	Dropping Point (°C)	Application Comment	Performance
Royal On Guard LC 460	PAO	460	Off White	1.5	-20 to 200	290	HT. HM	AW/EP
Royal On Guard LC 32	PAO	32	Off White	2	-54 to 200	290	HS	AW/EP
ANDEROL 752-2	PAO	32	Off White	2	-54 to 200	290	HS	AW/EP
ANDEROL 752-1	PAO	32	Off White	1	-54 to 200	275	HS	AW/EP
PQ 405-2	MO	220	Red	2	-40 to 200	290	GC/LB. HT. HM	AW/EP
PQ 405-1	MO	220	Red	1	-40 to 200	275	HT. HM	AW/EP
ANDEROL 9460-2	MO	460	Red	2	-10 to 200	290	HT. HM	AW/EP
ANDEROL 9460-1	MO	460	Red	1	-10 to 200	280	HT. HM	AW/EP
ROYCO 24	PAO/MO	32	Off White	2	-54 to 200	275	A/M	AW/EP

These two greases offer excellent high temperature characteristics as one of their many benefits. Please note that these greases are not recommended for high moisture environments.

SILICA GREASES

Product Name	Base Oil Type	ISO VG	Typical Color	NLGI Grd	Operating Temperature (°C)	Dropping Point (°C)	Application Comment	Performance
ANDEROL 700	Polyol Ester	68/100	Yellow	2	-30 to 220	275	HT	AW
ANDEROL 780	PAO	32	Light Amber	2	-30 to 220	275	HT	AW

APPLICATION COMMENT

- HT : High Temperature
- HM : High Moisture
- HS : High Shear
- GC/LB : Chassis Lube
- A/M : Aviation / Military



Benefits generally include excellent water washout characteristics, excellent shear stability, and very good high temperature performance. Specific products can be used as Wire Rope Dressing and Gear lubricant. Aluminum Complex Greases represent preferred base soap for food contact applications.

ALUMINUM COMPLEX GREASES

Product Name	Base Oil Type	ISO VG	Typical Color	NLGI Grd	Operating Temperature (°C)	Dropping Point (°C)	Application Comment	Performance
ANDEROL 783-2	PAO	220	White	2	-30 to 200	275	FG	AW
ANDEROL 783-1	PAO	220	White	1	-30 to 200	260	FG	AW
ANDEROL 783-0	PAO	150	White	0	-30 to 120	NA	FG	AW
ANDEROL 783-00	PAO	150	White	00	-30 to 120	NA	FG	AW
PQ 40 AA-2 W	White Oil	150	White	2	-20 to 150	232	FG	AW
PQ 40 AA-1 W	White Oil	150	White	1	-18 to 150	227	CS	AW
PQ 40 AA-0 W	White Oil	150	White	0	-20 to 120	NA	FG	AW
PQ 40 AA-2 C	White Oil	150	Clear	2	-20 to 150	232	FG	R&O
PQ 40 AA-1 C	White Oil	150	Clear	1	-20 to 150	227	FG	R&O
PQ AA No. 2 PLUS	White Oil	100	White	2	-30 to 200	270	FG	AW/EP
PQ AA Grease #2	White Oil	100	Yellow	2	-30 to 200	275	FG	AW
PQ AA Grease #1	White Oil	100	Yellow	1	-30 to 200	260	CS, FG	AW
ANDEROL Premium EP-2	MO	150	Amber	2	-20 to 200	275	HM / Mobile Equipment	AW/EP
ANDEROL Premium EP-1	MO	150	Amber	1	-20 to 200	260	HM / Mobile Equipment	AW/EP
ANDEROL WRD Complex Special	MO	680	Black	0	-10 to 150	NA	WR	AW/EP
ANDEROL WRS	MO	320	Amber	0	-20 to 150	NA	WR	AW/EP
ANDEROL WR	MO	220	Amber	00	-20 to 150	NA	WR	AW/EP

BASE OIL TYPE

PAO : Polyalphaolefin
MO : Mineral Oil

APPLICATION COMMENT

FG : Food Grade
CS : Can Seamer
HM : High Moisture
WR : Wire Rope

PERFORMANCE

AW : Anti-Wear
EP : Extreme Pressure
R&O : Rust & Oxidation Inhibited

General benefits of these products include excellent high temperature characteristics, excellent water resistance, and excellent shear stability.

CALCIUM GREASES

Product Name	Base Oil Type	ISO VG	Typical Color	NLGI Grd	Operating Temperature (°C)	Dropping Point (°C)	Performance
ANDEROL #2 Cup Grease (Hydrated Calcium)	MO	68	Amber	2	-20 to 75	100	R&O
ANDEROL Rail Curve Grease	MO	32	Black	1	-50 to 65	95	R&O
ANDEROL 86 EP-2 (Calcium Sulfonate)	MO	150	Tan	2	-40 to 260	300	AW/EP
ANDEROL 86 EP-1 (Calcium Sulfonate)	MO	150	Tan	1	-40 to 260	300	AW/EP
ANDEROL Ultramarine Blue FG	PAO	32	Blue	1	-54 to 90	140	
ANDEROL 95 HV EP-1 (Calcium Sulfonate)	MO	220	Tan	1	-40 to 260	300	AW/EP



CONTACT ANDEROL® TODAY

ANDEROL can provide you with a source for high quality specialty lubricants. Our marketing and 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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CRITICAL APPLICATIONS



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Specialty Lubricants