

UNRIVALED PERFORMANCE FOR ADVANCED DEFENSE AND COMMERCIAL AEROSPACE REQUIREMENTS

With over 80 years of development and manufacturing leadership of MIL-SPEC and "superclean" lubricants, Royco® aerospace and defense fluids set a quality and technology standard

Our Royco® laboratories are: AS 9100 : 2016/ISO 9001: 2015 certified.



Manufacturing leadership of MIL-SPEC & superclean lubricants

MIL-SPEC stands for United States Military Specification and provides for standardized procurement of products via Qualified Products List (QPL). Aircraft maintenance documents may call out products by MIL-SPEC, others may reference commercial specifications.

Over 80 years of history

Quality and technology standards since the 1940's that you can still rely on today.



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LANXESS
Energizing Chemistry

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Additives**

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QUALITY PERFORMS.



Royco® Aerospace and Defense Fluids

The Royco® brand is the preeminent brand for aviation lubricants.

Royco® fluids are characterized by innovative technology for the most critical applications. These engineered fluids deliver high performance for the most advanced defense and commercial aerospace requirements.





QUALITY WORKS.

LANXESS
Energizing Chemistry

Category	SPECIFICATION*	NATO Code	ROYCO®	EXXONMOBIL	AEROSHELL	EASTMAN	BRAYCO / CASTROL	NYCO	Other
Turbine oils	SAE-AS 5780 Class SPC / A MIL-PRF-23699 G Class STD	O-156	Royco 500	Mobil Jet Oil II	AeroShell Turbine Oil 500	Eastman Turbo Oil 2380	-	TURBONYCOIL 600	-
	DOD-PRF-85734A	O-160	Royco 555	-	AeroShell Turbine Oil 555	Eastman Turbo Oil 25	-	-	-
	MIL-PRF-23699 G Class HTS	O-154	Royco 560	Mobil Jet Oil 254 Mobil Jet Oil 387	Aeroshell Turbine Oil 560 Aeroshell Ascender	Eastman Turbo Oil 2197	-	Turbonycoil 640	-
	MIL-PRF-7808 M	O-148	Royco 808	Mobil Avrex S Turbo 256	AeroShell Turbine Oil 308	Eastman Turbo Oil 2389	-	Turbonycoil 160	-
	MIL-PRF-23699 G Class C/I	O-156/O-152	Royco 899	Mobil Jet Oil CI	-	-	Castrol Aerojet 5	Turbonycoil 601	-
	MIL-PRF-6081 E Grade 1010 and 1010N	O-133	Royco 481	Avrex M Turbo 201/1010	AeroShell Turbine Oil 2	-	Brayco 460	Turbonycoil 3516	Radcolube 6081 Technolube Turbo 1010 and 1010N
Hydraulic fluids	Mil-PRF-5606 J	H-515	ROYCO 756	Mobil Aero HF	AeroShell Fluid 41	-	Brayco Micronic 756	Hydrauncoil FH 51	Phillips 66 X/C Radcolube RHP5606 Technolube 5606
	MIL-H-5606 A*	-	ROYCO 756A	Mobil Aero HFA	AeroShell Fluid 4	-	-	-	-
	None	-	ROYCO 757	-	-	-	-	-	-
	MIL-PRF-83282D	H-537	ROYCO 782	-	AeroShell Fluid 31	-	Brayco Micronic 882	Hydrauncoil FH 2	Radcolube FR282 Technolube 83282
	BMS 3-32 C Type II	-	ROYCO LGF	-	AeroShell LGF	-	Castrol Aero 40	Hydrauncoil FH 5 AW	-
GREASE	MIL-PRF-83483E	-	ROYCO 1MS	-	-	-	-	-	Armite MIL-PRF-83483
	MIL-G-7711A*	-	ROYCO 11MS	-	-	-	-	-	-
	MIL-PRF-81322G	G-395	ROYCO 22CF	Mobil Grease 28	AeroShell Grease 22	-	-	NYCO Grease GN 22	-
	MIL-G-81827A	S-578	ROYCO 22MS	-	-	-	-	-	-
	MIL-PRF-23827C Type I	G-354	ROYCO 27	Mobil Grease 33	AeroShell Grease 33	-	Braycote 627 Castrol Aeroplex GP 33	NYCO Grease GN 148 NYCO Grease GN 10	-
	SAE-AMS-G-4343	G-392	ROYCO 43	-	-	-	-	NYCO Grease GN 4343	-
	SAE-AMS-2518D	S-720	ROYCO 44	-	-	-	-	NYCO Grease GN GA 47	Armite 2518
	MIL-DTL-23549D	G-392	ROYCO 49	-	-	-	-	-	-
	MIL-G-21164D	G-353	ROYCO 64	-	AeroShell Grease 64	-	-	NYCO Grease GN 17	-
	MIL-DTL-25681F	-	ROYCO 81MS	-	-	-	Braycote 868	-	-
	-	ROYCO C-201	-	-	-	-	-	-	
SPECIAL SPECIALTY	MIL-PRF-32033 Type 1	O-190	ROYCO 308CA	-	-	-	Brayco 300	-	Tectyl 900
	MIL-PRF-7870E	O-142	ROYCO 363	-	AeroShell Fluid 3	-	Brayco 363	Nycolube 7870	Radcolube LO7870
	MIL-C-6529C TYPE 2	C-609	ROYCO 482	-	-	-	-	-	-
	MIL-C-6529C TYPE 3	C-610	ROYCO 483	-	-	-	-	-	-
	MIL-C-6529C TYPE 1	C-608	ROYCO 581	-	AeroShell Fluid 2XN	-	-	-	-
	MIL-PRF-6086F Grade M	O-155	ROYCO 586M	-	AeroShell Fluid 5MA	-	-	Nycolube 3525	-
	Mil-PRF-87252F	S-1748	ROYCO 602	-	AeroShell Fluid 602	-	Brayco Micronic 889	NYCODIEL	Radcolube 500M
	MIL-PRF-6085F	O-147	ROYCO 885	-	AeroShell Fluid 12	-	Brayco 885	Nycolube 11B	Radcolube 6085 Winsor L245X
	MIL-PRF-7024G Type II	-	ROYCO 950	-	AeroShell Calibrating Fluid 2	-	Brayco 922	NYCOSOL 17 Type II	-
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* Obsolete specifications