

## **Shell Aviation**

## PRODUCT SPECIFICATION GUIDE



## **Aero**Shell

AeroShell product	US specifications	British specifications	NATO code	Joint service designation	Product and application	Remarks
PISTON ENGINE OILS						
	SAE J-1966 Grade SAE 30		O-113 (obsolete)		Straight mineral (break-in) piston engine oil	Available in the USA only
	SAE J-1966 Grade SAE 40 SAE J-1966 Grade SAE 50	SAE J-1966 Grade SAE 40 SAE J-1966 Grade SAE 50	O-115 (obsolete) O-117 (obsolete)		Straight mineral (break-in) piston engine oil  Straight mineral (break-in) piston engine oil	
	SAE J-1966 Grade SAE 60	SAE J-1966 Grade SAE 60	O-128 (obsolete)		Straight mineral (break-in) piston engine oil	
	SAE J-1899 Grade SAE 40	SAE J-1899 Grade SAE 40	O-123 (obsolete)		Ashless dispersant, mineral single-grade piston engine oil	
	SAE J-1899 Grade SAE 50	SAE J-1899 Grade SAE 50	O-125 (obsolete)		Ashless dispersant, mineral single-grade piston engine oil	
	SAE J-1899 Grade SAE 40	-		- CIVID 230	Ashless dispersant, premium mineral single-grade piston engine oil	Approved for Lycoming SB 446F and FAA AD 80-04-03R2
	SAE J-1899 Grade SAE 50	_	_	_	Ashless dispersant, premium mineral single-grade piston engine oil	
	SAE J-1899 Grade SAE 60	SAE J-1899 Grade SAE 60	O-128 (obsolete)	OMD-370	Ashless dispersant, mineral single grade-piston engine oil	-
	SAE J-1899 Grade Multigrade	SAF L1800 Grade Multigrade	O-162 (obsolete)		Ashless dispersant, semi-synthetic multigrade piston engine oil	Approved for Lycoming SB 446E and FAA AD 80-04-03R2
AeroShell Sport Plus 4	Rotax RON 424	_	-	_	Dedicated aviation oil for four-stroke light sport and microlight engines. Recommended by Rotax	Fully approved to Rotax specification RON 424 for all ROTAX® 912 and 914 series engines, Rotax Service Instruction for Suitable Operating Fluids SI-912/SI-912i/SI-914. Do not use in engines designed to use SAE J-1899 or 1966
	ACEA A3/B4 and API SL/CF*	_	_	_	Fully synthetic dedicated diesel-engine aviation oil	Approved for former Thielert/Centurion current Continental Diesel 1.7 and 2.0, Austro Engine AE300 and SMA SR305-230E engines  Meets automotive specifications ACEA A3/B4 and API SL/CF (aviation specifications are yet to be defined)
TURBINE ENGINE OILS  AeroShell Turbine Oil 2	MIL-PRF-6081E Grade 1010	_	O-133	OM-10 (obsolete)	Mineral 2 mm²/s fuel system inhibiting oil	-  -
AeroShell Turbine Oil 3	_	DEF STAN 91-99	O-135	OM-11	Mineral 3 mm <sup>2</sup> /s fuel system inhibiting oil. Equivalent to and	
ASF 1		DEL SIMIN A 1-AA			replaces ASF 1	
AeroShell Turbine Oil 308	MIL-PRF-7808L Grade 3	_	O-148	OX-9	Synthetic ester aviation turbine oil	
AeroShell Turbine Oil 390	-	DEF STAN 91-94	_	OX-7	Synthetic diester aviation turbine oil	_
A ara Shall Turbina ( )il 5()()	MIL-PRF-23699G Grade STD SAE AS5780B Grade SPC	DEF STAN 91-101 Grade OX-27	0-156	OX-27	Standard grade, synthetic ester Aviation turbine oil, 5 cSt viscosity	_
AeroShell Turbine Oil 555	DOD-PRF-85734A	DEF STAN 91-100	0-160	OX-26	Synthetic ester oil for engines and helicopter transmissions High load-carrying ability, 5 cSt viscosity	_
AeroShell Turbine Oil 560	MIL-PRF-23699F	DEF STAN 91-100*	0-154	OX-27	High thermal stability synthetic ester aviation turbine oil, 5 cSt viscosity	_
AeroShell Turbine Oil 750	_	DEF STAN 91-98	0-149	OX-38	Synthetic ester aviation turbine engine oil 7.5 cSt viscosity	_
AeroShell Ascender	MIL-PRF-23699G Grade HTS SAE AS5780 Grade HPC	_	O-154	_	High-performance, low-coking, 5 cSt viscosity, synthetic hindered ester delivering high thermal stability with excellent elastomer compatibility	_
					Сотранонну	
AVIATION GREASES					Сотранонну	
	MIL-G-3545C (obsolete)	DTD.878A (obsolete)*	G-359 (obsolete)	XG-277 (obsolete)	High-temperature Microgel® wheel-bearing and	DTD transferred to DEF STAN 91-52, NATO XG-293
AeroShell Grease 5	MIL-PRF-24139A	·	G-359 (obsolete)	XG-277 (obsolete) XG-271 (obsolete)		Still available for civil market meeting, move to ASG 33 obsolete US
AeroShell Grease 5 AeroShell Grease 6	MIL-PRF-24139A MIL-G-7711A (obsolete)	·			High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease	·
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7	MIL-PRF-24139A	·			High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease	Still available for civil market meeting, move to ASG 33 obsolete US
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II)	DEF STAN 91-12 (obsolete)	G-382	XG-271 (obsolete)	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel	Still available for civil market meeting, move to ASG 33 obsolete US
AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-G-25537C MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A	DEF STAN 91-12 (obsolete)  DEF STAN 91-51	G-382 - G-366	XG-271 (obsolete)  - XG-284	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-G-25537C MIL-PRF-81322G NLGI Grade 2	DEF STAN 91-12 (obsolete)  DEF STAN 91-51	G-382 - G-366	XG-271 (obsolete)  - XG-284	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NILGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I)	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52	G-382 - G-366 G-395	XG-271 (obsolete)  - XG-284  XG-293	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NIGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052**	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53	G-382 - G-366 G-395 G-354	XG-271 (obsolete)  - XG-284  XG-293  XG-287	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex,	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NIGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53	G-382 - G-366 G-395 G-354	XG-271 (obsolete)  - XG-284  XG-293  XG-287	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  -  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-G-25537C MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53	G-382  - G-366  G-395  G-354  G-353  -	XG-271 (obsolete)  - XG-284  XG-293  XG-287  XG-276  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-G-25537C MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  -	G-382  - G-366  G-395  G-354  G-353  -  H-537	XG-271 (obsolete)  - XG-284  XG-293  XG-287  XG-276  -  OX-19	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  -  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-G-25537C MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48	G-382  - G-366  G-395  G-354  G-353  -	XG-271 (obsolete)  - XG-284  XG-293  XG-287  XG-276  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Super-clean, mineral hydraulic fluid	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-G-25537C MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48	G-382  - G-366  G-395  G-354  G-353  -  H-537	XG-271 (obsolete)  - XG-284  XG-293  XG-287  XG-276  -  OX-19	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41  AeroShell Fluid 4	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NIGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*	G-382  - G-366  G-354  G-353  - H-537 H-515	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base -
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41  AeroShell Fluid 61	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NIGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**  MIL-PRF-83282D MIL-PRF-5606H MIL-H-5606A* (obsolete)	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base  - Only available in Americas
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41  AeroShell Fluid 61	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**  MIL-PRF-83282D MIL-PRF-5606H MIL-H-5606A* (obsolete) MIL-PRF-46170E (Type I)	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  -	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base  - Only available in Americas
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41  AeroShell Fluid 4  AeroShell Fluid 61  AeroShell Fluid 71	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**  MIL-PRF-83282D MIL-PRF-5606H MIL-H-5606A* (obsolete) MIL-PRF-46170E (Type I)	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  -	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Super-clean, mineral hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic landing gear fluid	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) -
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58  HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell SSF AeroShell LGF	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**  MIL-PRF-83282D MIL-PRF-5606H MIL-H-5606A* (obsolete) MIL-PRF-46170E (Type I)	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  -	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Super-clean, mineral hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic landing gear fluid	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58  HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell SSF AeroShell LGF	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-PRF-83282D MIL-PRF-83282D MIL-PRF-5606H MIL-H-5606A* (obsolete) MIL-PRF-46170E (Type I) MIL-PRF-6083G -	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  DEF STAN 80-142  —	G-382  - G-366  G-395  G-354  G-353  - H-537  H-515  H-520  H-544  C-635	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  - PX-26*  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid Super-clean, mineral hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid Super-clean, preservative mineral hydraulic fluid Extreme-pressure preservative mineral hydraulic landing gear fluid Extreme-pressure operational mineral hydraulic landing gear fluid	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1
AeroShell Grease 5  AeroShell Grease 6  AeroShell Grease 7  AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41  AeroShell Fluid 61  AeroShell Fluid 71  AeroShell SSF  AeroShell LGF  SPECIALIST FLUIDS  AeroShell Fluid 2XN	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-PRF-83282D MIL-PRF-83282D MIL-PRF-5606H MIL-PRF-46170E (Type I) MIL-PRF-6083G — — MIL-PRF-6083G — — MIL-C-6529C Type II	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  DEF STAN 80-142  DEF STAN 80-142  DTD.900/4913A (obsolete)	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544 C-635 C-608	XG-271 (obsolete)  - XG-284  XG-287  XG-287  XG-276  -  OX-19  OM-15  OM-18  - PX-26* -  ZX-21 (obsolete)	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Super-clean, mineral hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic landing gear fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry movin to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2
AeroShell Grease 5  AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14  AeroShell Grease 22  AeroShell Grease 33  AeroShell Grease 64 (formerly AeroShell 33MS)  AeroShell Grease 58  HYDRAULIC FLUIDS  AeroShell Fluid 31  AeroShell Fluid 41  AeroShell Fluid 61  AeroShell Fluid 71  AeroShell SSF  AeroShell LGF  SPECIALIST FLUIDS  AeroShell Fluid 2XN  AeroShell Fluid 3	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NLGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-PRF-83282D MIL-PRF-83282D MIL-PRF-5606H MIL-H-5606A* (obsolete) MIL-PRF-46170E (Type I) MIL-PRF-6083G -	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  DEF STAN 80-142  DEF STAN 80-142  DTD.900/4913A (obsolete)	G-382  - G-366  G-395  G-354  G-353  - H-537  H-515  H-520  H-544  C-635	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  - PX-26*  -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil  Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Super-clean, mineral hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate  General-purpose low-temperature mineral lubricating oil	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58  HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell SSF AeroShell LGF  SPECIALIST FLUIDS AeroShell Fluid 2XN AeroShell Fluid 3 AeroShell Fluid 3 AeroShell Fluid 3 AeroShell Fluid 3	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NIGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**  MIL-PRF-83282D MIL-PRF-5606H MIL-PRF-6083G MIL-PRF-7870E MIL-PRF-6085E	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  DEF STAN 80-142  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-49*	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544 C-635 C-608 O-142 O-147	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  -  PX-26*  -  ZX-21 (obsolete)  OM-12  OX-14*	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic fluid Extreme-pressure operational mineral hydraulic landing gear fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate  General-purpose low-temperature mineral lubricating oil  Low-temperature, synthetic ester instrument lubricating oil	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58 HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell SSF AeroShell LGF  SPECIALIST FLUIDS AeroShell Fluid 2XN AeroShell Fluid 3 AeroShell Fluid 5M-A	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NIGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-G-21164D SAE AMS 3058**  MIL-PRF-83282D MIL-PRF-5606H MIL-PRF-5606A* (obsolete) MIL-PRF-46170E (Type I) MIL-PRF-6083G MIL-PRF-7870E MIL-PRF-6085E	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  DEF STAN 80-142  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-49*  DEF STAN 91-112 Medium Grade	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544 C-635 C-608 O-142 O-147	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  - PX-26*   ZX-21 (obsolete)  OM-12  OX-14*  OEP-70	High-temperature Microgel® wheel-bearing and engineraccessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate  General-purpose low-temperature mineral lubricating oil  Low-temperature, synthetic ester instrument lubricating oil  Medium-viscosity, extreme-pressure mineral gearbox oil	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2  Ashless anti-corrosion additives for PEO
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58  HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell Fluid 71 AeroShell SSF AeroShell LGF  SPECIALIST FLUIDS AeroShell Fluid 3 AeroShell Fluid 5M-A AeroShell Fluid 5M-A	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NILGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-PRF-38282D MIL-PRF-83282D MIL-PRF-606A* (obsolete) MIL-PRF-6083G MIL-PRF-6085E MIL-PRF-6086F Medium Grade	DEF STAN 91-12 (obsolete)  DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  DEF STAN 80-142  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-49*	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544 C-635 C-608 O-142 O-147	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  -  PX-26*  -  ZX-21 (obsolete)  OM-12  OX-14*	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate  General-purpose low-temperature mineral lubricating oil  Low-temperature, synthetic ester instrument lubricating oil  Medium-viscosity, extreme-pressure mineral gearbox oil	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58  HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell Fluid 71 AeroShell SSF AeroShell LGF  SPECIALIST FLUIDS AeroShell Fluid 3 AeroShell Fluid 5M-A AeroShell Fluid 5M-A AeroShell Fluid 5M-A AeroShell Fluid 5.8350 AeroShell Calibrating Fluid 2	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NILGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-PRF-38282D MIL-PRF-83282D MIL-PRF-606A* (obsolete) MIL-PRF-6083G MIL-PRF-6085E MIL-PRF-6086F Medium Grade	DEF STAN 91-12 (obsolete)  - DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  - DEF STAN 91-48  DEF STAN 91-48*  Grade Normal  - DEF STAN 80-142  DEF STAN 91-47  DEF STAN 91-47*  DEF STAN 91-112 Medium Grade  DTD.900/4981A (obsolete)  -	G-382  - G-366  G-366  G-353  - H-537 H-515 H-520 H-544 C-635  C-608 O-142 O-147 O-155	XG-271 (obsolete)  - XG-284  XG-287  XG-287  XG-276  -  OX-19  OM-15  OM-15  OM-18  - PX-26*  ZX-21 (obsolete)  OM-12  OX-14*  OEP-70  OEP-215* -	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Super-clean, mineral hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative mineral hydraulic fluid  Extreme-pressure preservative mineral hydraulic landing gear fluid extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate  General-purpose low-temperature mineral lubricating oil  Low-temperature, synthetic ester instrument lubricating oil  Medium-viscosity, extreme-pressure mineral gearbox oil  Extreme-pressure mineral helicopter gearbox oil  Special-run Stoddard solvent calibrating fluid for fuel systems	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2  Ashless anti-corrosion additives for PEO
AeroShell Grease 5 AeroShell Grease 6 AeroShell Grease 7 AeroShell Grease 14 AeroShell Grease 22 AeroShell Grease 33 AeroShell Grease 64 (formerly AeroShell 33MS) AeroShell Grease 58  HYDRAULIC FLUIDS AeroShell Fluid 31 AeroShell Fluid 41 AeroShell Fluid 61 AeroShell Fluid 71 AeroShell Fluid 71 AeroShell SSF AeroShell LGF  SPECIALIST FLUIDS AeroShell Fluid 3 AeroShell Fluid 5M-A AeroShell Fluid 5M-A AeroShell Fluid 5M-A AeroShell Calibrating Fluid 2 AeroShell Calibrating Fluid 2	MIL-PRF-24139A MIL-G-7711A (obsolete) MIL-PRF-23827C (Type II) MIL-PRF-81322G NILGI Grade 2 DOD-G-24508A MIL-PRF-23827C (Type I) SAE AMS 3052** MIL-PRF-38282D MIL-PRF-83282D MIL-PRF-606A* (obsolete) MIL-PRF-6083G MIL-PRF-6085E MIL-PRF-6086F Medium Grade	DEF STAN 91-12 (obsolete)  - DEF STAN 91-51  DEF STAN 91-52  DEF STAN 91-53  DEF STAN 91-57  - DEF STAN 91-48* Grade Normal  - DEF STAN 80-142  - DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-47  DEF STAN 91-112 Medium Grade  DTD.900/4981A (obsolete)  - DTD.406B	G-382  - G-366  G-354  G-353  - H-537 H-515 H-520 H-544 C-635 C-608 O-142 O-147	XG-271 (obsolete)  - XG-284  XG-287  XG-276  -  OX-19  OM-15  OM-18  - PX-26*   ZX-21 (obsolete)  OM-12  OX-14*  OEP-70	High-temperature Microgel® wheel-bearing and engine-accessory grease  General purpose Microgel airframe grease  Multipurpose synthetic ester Microgel airframe grease  Multipurpose mineral oil helicopter grease  General purpose, versatile, synthetic hydrocarbon, Microgel aircraft grease  Universal lithium complex airframe grease with a synthetic base oil Extreme-pressure, synthetic hydrocarbon, lithium complex, airframe grease  New generation of lithium complex grease for aircraft wheel bearings  Super-clean, fire-resistant, synthetic hydrocarbon hydraulic fluid  Mineral hydraulic oil with very good low-temperature characteristics  Super-clean, preservative, synthetic hydrocarbon hydraulic fluid  Extreme-pressure preservative mineral hydraulic fluid  Extreme-pressure operational mineral hydraulic landing gear fluid  Engine preservative mineral concentrate  General-purpose low-temperature mineral lubricating oil  Low-temperature, synthetic ester instrument lubricating oil  Medium-viscosity, extreme-pressure mineral gearbox oil	Still available for civil market meeting, move to ASG 33 obsolete US and UK specifications  Approved to Boeing specification BMS 3-33B. Aviation industry moving to lithium complex grease. Approved to Airbus specification AIMS 09-06-002  Possesses extreme-pressure characteristics provided by 5% molybdenum disulphide  Will become the civil industry standard wheel bearing grease  PAO base - Only available in Americas  Type I is undyed (Type II is dyed red) - Qualified to Boeing BMS 3-32 Type 1  Qualified to Boeing BMS 3-32 Type 2  Ashless anti-corrosion additives for PEO

\* AeroShell grade meets the requirements of the listed specification but is not necessarily fully approved to that specification

\*\* New specifications held by SAE International

September 2016

