

# SMB Standard Lubricants

## Standard Oils

Code	Product Manufacturer	Type	Temp. Range C (F)	Viscosity CS +38C/+99C	MIL Spec	Comments
A402	Anderol 402 (Anderol BV)	Ester	-55/+150 (-67/+302)	12/3.5	DEF/Stan 91-49/1	General purpose aircraft/instrument.
AF2	Aeroshell 12 (Shell)	Diester	-50/+130 (-58/+266)	14/3.5	L-6085A, DEF/Stan 91-49	General purpose aircraft/instrument.
AF3	Aeroshell 3 (Shell)	Mineral	-55/+115 (-67/+239)	11/2.3	L-7870	General purpose aircraft/instrument.
K143	Krytox 143AZ (Du Pont)	Fluoro-carbon	-53/+162 (-63/+324)	40/7		High temp. Chemically inert. High torque at low temp.
VF50	Versilube F50 (G.Electric)	Silicon	-73/+204 (-100/+400)	50/16	S-81087	Wide temp. range, low speed/load.

## Standard Greases

Code	Product Manufacturer	Base Oil	Thickener	Temp. Range C (F)	MIL Spec	Comments
AG5	Aeroshell 5 (Shell Oil)	Mineral	Microgel	-40/+177 (-40/+350)	G-3545C	High load grease.
AG7	Aeroshell 7 (Shell Oil)	Diester	Microgel	-73/+149 (-100/+300)	G-23827A/ G-287/G-354	Good water-resistance. High load. Wide temp. range.
AG15	Aeroshell 15 (Shell Oil)	Silicon	Teflon	-73/+232 (-100/+450)	G-25013E XG300	Water resistant. Wide temp range. Low load/speed.
AKC	Andok C (Exxon Corp)	Mineral	Sodium	-30/+120 (-22/+250)		Non-migratory, high-speed grease.
AQUA2	Sapphire Aqua2 (Rocol)	Mineral	Alum Complex	-20/+150 (-4/+302)		Highly water resistant
AV2	Alvania 2 (Shell Oil)	Mineral	Lithium	-25/+120 (-13/+250)		Multi-purpose bearing grease for larger bearings.
AVRA	Alvania RA (Shell Oil)	Mineral	Lithium	-40/+145 (-40/+293)		Multi-purpose grease with wide temp. range.
B32	Beacon 325 (Exxon Corp)	Diester	Lithium	-55/+120 (-67/+248)	G-3278A/ DTD825B	Low torque, quiet running.
B4272	Kluberelectric (Kluber)	Synthetic Hydrocarbon	Lithium	-40/+140 (-40/+284)		Conductive grease
B601	Braycote 601 (Bray Oil)	Perfluor	Tetrafluoro-ethylene	-80/+204 (-112/+400)		Chemically inert, instrument & aerospace vacuum grease.
FL2	Foodlube 2 (Rocol)	Ester glyceride	Calcium Soap	-20/+110 (-4/+230)		Food grade grease.
FLHT2	Foodlube HT2 (Rocol)	Ester glyceride	Calcium Soap	-20/+200 (-4/+392)		High temp. food grade grease

## SMB Standard Lubricants cont...

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Code	Product Manufacturer	Base Oil	Thickener	Temp. Range C (F)	MIL Spec	Comments
G110	Nucleol G110 (Castrol)	Mineral	Clay	-20/+150 (-4/+302)		UKAEA High speed. Radiation resistant.
GHY72	Asonic GHY72 (Kluber)	Ester	Polyurea	-40/+180 (-40/+356)		Low noise
KAC	Krytox 240AC (Du Pont)	Fluoro-carbon	Vidax	-34/+288 (-30/+550)	G-27617A	High temp. Chemically inert. High torque at low temp.
LDS18A	LDS18 Spec. A (Kluber)	Synthetic	Lithium	-60/+130 (-76/+266)	G-23827A/ DTD844B	Low noise, high speed.
M44	Molycote 44 (Dow Corning)	Silicon	Lithium	-73/+204 (-100/+400)	G-15719A	Wide temp. range, low load.
MG28	Grease 28 (Mobil Oil)	Hydro-carbon	Clay	-54/+177 (-65/+350)	G-81322	Wide temp. range.
PEM	Polyrex EM (Mobil)	Mineral	Polyurea	-40/+180 (-40/+356)		Good water resistance, wide temp range, low noise.
SRI-2	Chevron SRI-2 (Caltex)	Mineral	Urea	-30/+175 (-22/+347)	G-3545G	Very good resistance to water/ saltwater
SRL	Multemp SRL (Kyodo Yushi)	Ester	Lithium	-40/+150 (-40/+302)		Low torque, quiet running.