

Body & Exterior	Component requirements	Lube points	lifetime lubrication	compatibility with polymers	resistance to water & detergents	dust & dirt capacity	wear protection & load carrying capacities	corrosion protection	low temperature performance	freeze release			low friction & high efficiency	low break away & running torques	anti squeak & anti stick-slip	good adhesion	wide temperature range	damping of haptics	self locking	Products
Windshield Wiper & Wash Water System	Wiper Motor - Sinter Bearings		xx				x	xx	xx				x	xx						CONSTANT GLY 2100, CONSTANT OY K Series, MIKROZELLA Series
	Wiper Motor - Gear System		xx	x			x	x	xx				xx	xx						ISOFLEX TOPAS L 32 / L 32 N, Klübersynth LF 44-22, POLYLUB GLY 501
	Wiper Linkage		x		x		xx	x	x											Klüberlub EM 41-142
	Wash Water Pump Seals		x	xx	xx				x				x	x		x				Klübertop TP 36-1300 A/B
	Head Light Telescope Washer - Seal		x	xx	xx	xx				x			x	xx	x	x				BARRIERTA KL 092, BARRIERTA L 55/2, SYNTHESO GLEP 1
	Wiper Blades												x		xx	xx				Klüberflex 200-0 and Modules, Klüberplus S 02-004
Doors & Lock Systems	Door handle		x	x	xx	xx	x	x								x		x		CENTOPLEX 24 DL / 1 DL
	Tail Gate Lifter		xx				xx		x					x	x					Klübersynth LI 44-22, POLYLUB GLY 151
	Latch / Pawls		x	x	x	x	x	x	xx				xx	xx				x		ISOFLEX TOPAS L 32 / L 32 N, Klübertop TM 06-111
	Lock Mechanisms		x	x	x	x		x	xx				xx	xx		x		x		ISOFLEX TOPAS L 32 / L 32 N, Klübersynth LF 44-22, Klübersynth LI 44-22, Klübersynth RA 44-702, SYNTHESO GLEP 1
	Lock Cylinder				xx	x		x	x		xx									Klüberalfa IR 83-22
	Catch			x	x	xx	xx	x	x							xx		x		Klübersynth HB 74-401, STABUTHERM GH 461
	Sliding Door - Spindle Drive		xx	x			xx	x	x				xx	x						Klübersynth HIP 84-401
Window Lifters	Sliding Door - Guide		x		x	xx	x		x							xx				Klübersynth HB 74-401, STABUTHERM GH 461
	Cable Drive - Guides		x	x	xx	xx			xx			xx	xx	xx	xx					ISOFLEX TOPAS L 32 / L 32 N, Klübersynth LR 44-21
	Cable Drive - Rollers		x	x	x	x	x	x	xx			xx	xx	xx						ISOFLEX TOPAS L 32 / L 32 N
	Cross Arm - Guides		x	x	x	xx	xx	x	xx			xx	xx	xx				x		ISOFLEX TOPAS L 32 / L 32 N, Klübersynth RA 44-702, POLYLUB GLY 151
	Cross Arm - Tooth Segment		x		x	x	xx	x	x							xx				CENTOPLEX 24 DL / 1 DL, Klüberlub EM 41-142, Klüberlub LM 41-102
	Manual WL - Clutch		x			x	xx	x								x		x	x	Klüberlub EM 41-142, Klüberlub LM 41-102
Sliding Roofs	Gearmotors - Worm Gear		xx	x			x	x	xx			xx	xx						xx	ISOFLEX TOPAS L 32 / L 32 N, Klüberlub LM 41-102, Klüberlub LM 41-32 N, Klübersynth LF 44-22, POLYLUB GLY 151
	Kinematics / Mechanics		x														x			ISOFLEX TOPAS L 32 / L 32 N, Klübersynth LF 44-22, Klübersynth P 84-52 G, Klübertemp GR M30, POLYLUB GLY 501, POLYLUB GLY 801
	Manual Roof - Lock System		xx			x		x								x		x		ISOFLEX TOPAS L 32 / L 32 N, Klüberlub LM 41-32 N, Klübersynth LF 44-22
	Guide Rails			xx	xx	xx			xx			x	xx	xx	xx	xx				ISOFLEX TOPAS L 32 / L 32 N, Klübersynth LF 44-22, Klübersynth P 84-52 G, Klüberplex RA 41-151, Klübertemp GR M30, POLYLUB GLY 151
	Flocked Flex Cables		x						x	x		xx	x	xx						Klüber Summit HySyn FG 68, Klüberoil 4 UH1-150 N/...-450 N
	Elastomer Profiles - flocked / non-flocked			xx	xx	x									xx	xx				Klüberalfa DH 3-230 N, Klübertemp GR M07, Klübertemp GR M30, Klübertemp RHB 83-202, Klübertop TP 18-810 N
	Gearmotors - Worm Gear		xx	x			x	x	xx				xx	xx			x			ISOFLEX TOPAS L 32 / L 32 N, Klübersynth LF 44-22, Klübersynth LI 44-22
Exterior Mirrors	Roller Shade - Axle & Guides		x	xx		x			x			x		xx				x		ISOFLEX TOPAS L 32 / L 32 N, Klübersynth MR 96-31, Klübertemp GR M07, Klübertemp RHB 83-202, POLYLUB GLY 801
	Catch		x		xx	xx	x	xx	x							x		x		DUOTEMPI PMY 45, Klübergrease LFT 71-402
Front Lights	Gearmotors - Plastic Gear		xx	x	x	x	x	x	xx			xx	xx			x			x	CENTOPLEX 24 DL / 1 DL, ISOFLEX TOPAS L 32 / L 32 N, ISOFLEX TOPAS NB 5051, Klübersynth LF 44-22
	AFS Actuator - Gear		xx	x	x				xx			x	xx				xx			BARRIERTA KL 092, Klübertemp GR M07, Klübertemp GR M30
	AFS Actuator - Linkage			x	x	x									xx				BARRIERTA L 55/2, POLYLUB GLY 801, SYNTHESO GLEP 1	
Bonded Coatings for Elastomer	AFS Actuator - Bearings		xx		x				xx			x	xx				xx			BARRIERTA KL 092, Klübertemp GR M07
	Weatherstrips		xx												xx	xx				Klübertop TP 22-1310 A/B
	Wiper Blades											x			xx	xx				Klüberflex 200-0 and Modules, Klüberplus S 02-004
	Flocked Profiles		x							xx					xx	xx				Klübertop TP 18-810 N

xx = major requirement, x = secondary requirement