

Chassis	Component requirements	lifetime lubrication	reliability in regard to safety criticality	compatibility with polymers	miscible with brake fluids	EPDM compatibility	resistance to water & detergents	no false brinelling	no fretting / no tribocorrosion		wear protection & load carrying capacities	corrosion protection	wide temperature range	low friction & high efficiency	low break away & running torques	anti squeak & anti stick-slip	good adhesion	Products	
																			Lube points
Brakes	Master Brake Cylinder	xx	xx	xx	xx	xx					x	x	xx	x	x	x	xx	Klüberfluid 9 R 100, Klübersynth HLR 46-371, SYNTHESO GLEP 1, SYNTHESO GLK 1	
	Slave Cylinder Disc	xx	xx	xx	xx	xx	x				x	x	xx	x	x	x	xx	Klüberfluid 9 R 100, Klübersynth HLR 46-371, SYNTHESO GLEP 1, SYNTHESO GLK 1	
	Disc Brake Pads					xx	x										xx	xx	Klüberpaste 46 MR 401, Klüberpaste HM 96-402
	Disc Brake Caliper - Guide Pins	xx	xx	xx		xx		x	xx			x	x	xx		x	xx		Klübersynth HLR 46-371, SYNTHESO GLEP 1, SYNTHESO GLK 1, SYNTHESO GLK 1 PF
	Slave Cylinder Drum	xx	xx	xx	xx	xx	x					x	x	xx	x	x	x	xx	Klüberfluid 9 R 100, Klübersynth HLR 46-371, NONTROP GB 3 G, SYNTHESO GLEP 1, SYNTHESO GLK 1
	Drum Brake Backing Plate		xx			x	x		xx				x				xx	xx	Klüberpaste 46 MR 401, WOLFRAKOTE TOP PASTE, Klüberpaste HM 96-402
	Drum Brake Adjustment	x			xx	x			xx									x	Klüberpaste 46 MR 401, WOLFRAKOTE TOP PASTE, Klüberpaste HM 96-402
	Park Brake Cable - Linkage	xx	xx	xx		x	x							xx	xx		x		Klübersynth LR 44-21, Klübersynth MR 96-31, UNISILKON GLK 112
	Electric braking systems	xx	xx		x	x						x		xx					Klübersynth BR 46-82, Klübersynth BR 46-32 /F, Klübersynth LIR 46-21, BARRIERTA KL 092
	ABS Actuator	xx	xx	xx		xx		x				x	x	xx		xx		x	Klübersynth HB 72-52
	Vacuum Brake Booster	xx	xx	xx		xx						x		x	xx	xx	xx		Klübersynth BLR 46-122, SYNTHESO GLEP 1
	Air Brake Pneumatic Valves	xx	xx	xx										x	xx	xx			Klüberbeta RM 47-291, UNISILKON GLK 112, BARRIERTA KM 192
	Steering System	Steering Wheel Adjustment - Height / Length	xx	x	x							x			xx	xx	xx		ISOFLEX TOPAS NCA 52, Klübersynth LIP 84-42
		Intermediate Telescope Shaft	xx		x							x			xx	xx	xx		ALTEMP Q NB 50, Klübersynth LI 44-22
Steering Column - U-Joint		xx	xx								xx	x	x		x			Klüberplex BEM 41-141	
Rack / Pinion / Slide Yoke		xx		x				xx	xx					x	xx	xx	xx	Klübersynth GE 14-111	
Ball Joints - Inner / Outer Tie Rod End		xx	x	xx			xx				xx	x		xx	xx	xx	xx	Klübergrease LFT 71-402, Klübersynth J 44-402, Klübersynth JIP 84-402	
Rear Axle Steering Actuator		xx		x							xx							Klübersynth LE 44-31, Klübersynth LI 44-22, Klübersynth LIP 84-42, Klübersynth BLR 46-122	
EPS Column - Worm Gear		xx		x							xx			xx	xx	xx		Klübersynth LE 14-161, Klübersynth LE 44-31, Klübersynth LI 44-22	
EPS Pinion / DP - Worm Gear		xx		x							xx		xx	xx	xx	xx		ISOFLEX TOPAS NB 52, Klübersynth LE 44-31	
EPS Parallel - Ball Screw		xx						xx	xx		xx		xx	xx	xx	xx		Klübersynth BME 44-42, Klübersynth BM 44-42	
EPS Parallel - Supporting Bearing		xx						xx	xx		xx		xx	xx	xx	xx		Klübersynth BM 44-42	
Steering Angle Sensor	xx	xx										x	xx	xx			x	BARRIERTA KL 092, ISOFLEX TOPAS NCA 52	
Axle	Ball Joints - King Pin / Control Arm / Stabilizer	xx	x	xx			xx				xx	x		xx	xx	xx	xx	Klübergrease LFT 71-402, Klübersynth J 44-402, Klübersynth JIP 84-402	
	Hub Unit Bearing	xx		x				xx				x	x		xx			Klüberplex BEM 34-132 / -131N, Klüberplex BEM 41-132	
	Roll stabiliser	xx		x											xx			SYNTHESO GLEP 1, Klübertop TP 39-111 N A/B	
	Electric roll stabiliser	x									xx				xx			Klübersynth LP 42-32	
	Shock Absorber Sealing	x		x			x							xx	xx	xx	x	Klübersynth RM 14-211, POLYLUB GA 352 P	
	Strut Bearing	xx					x		x		xx	xx						x	Klübergrease LFT 71-402, Klüberplex BEM 34-132 / -131N
	Rubber-Metal Compounds	x		xx		x					x						xx	x	Klüberfluid 9 R 100, QUIETSCH-EX, SYNTHESO GLEP 1, SYNTHESO GLK 1