

Component	Lubricant	Packaging	Art.no./ Designation
<b>SECTION 0. GENERAL</b>			
Sealing rings:			
Rubber (synthetic)	Bushing paste	tin 100 g	1161153-0
Leather	Lube grease Li/EP	tube 80 g cartridge 400 g	1161241-3 1161251-2
Felt - Saturated in hot oil	Engine or Gear oil		
<b>SECTION 2. ENGINE</b>			
Camshaft	Paste MOS <sub>2</sub>	spray 450 g	1161006-0
Tappets	Paste MOS <sub>2</sub>	spray 450 g	1161006-0
Cylinder liner - sealing:			
All	Special	bottle 0.5 l	1161249-6
Sealing ring cylinder block - cylinder head	Fitted dry		
Cleaning plug (teflon)	Fitted dry		
Liner - liner step	Silicone <u>0.8 mm string</u>	tube (special)	1161277-7
Timing gear cover gasket	Silicone	cartridge 300 ml	1161233-4
Thermostat-regulated fan	Silicone oil-Viscosity cSt		
	9000	1/2 l	1161288-4
	12500	1/2 l	1161307-2
	16500	1/2 l	1161308-0
	20000	1/2 l	1161309-8
	30000	1/2 l	1161310-6
Hoses, coolant	Bushing paste	tin 100 g	1161153-0
Coolant pump - belt tensioner	Special grease	sachet 20 g tube 225 g	1161140-7 1161121-7
Holset Turbo:			
-shaft end, piston ring grooves	Bolting paste	tin 250 g	1161035-9
-bolts - turbine housing	Bolting paste	tube 50 g	1161273-6
<b>SECTION 3. ELECTRICAL</b>			
Battery terminals	Rustproofing	aerosol 0.4 l	1161038-3
Alternator:			
Slip bearings	Light engine oil	bottle 1 l	1343306-5
Angle ball bearing	Lube grease Li/EP	tube 80 g	1161241-3
Alternator	Special grease	tube 125 g	1161236-3

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<b>Starter motor:</b>			
Bushings	Light engine oil	bottle 1 l	1343306-5
Other parts	Silicone grease (-60 to +100°C)	tube 50 g	1161326-2
<b>Distributor:</b>			
Lube felt	Light engine oil	bottle 1 l	1343306-5
Bushings	Light engine oil	bottle 1 l	1343306-5
Breaker cam, abutment	Lube grease Li/EP	tube 80 g	1161241-3
Wiper motor	Special grease (-50 to +80°C)	tube 125 g	1161236-3
<b>SECTION 4</b>			
<b>Group 41. Clutch</b>			
Seal, control	Lube grease Li/EP	tube 80 g	1161241-3
Bushing, pedal carrier	Lube grease Li/EP	tube 80 g	1161241-3
Master cylinder and control cylinder	Brake fluid SAE J 1703	1 l 5 l 25 l	1128748-9 1128749-7 1128750-5
<b>Clutch servo:</b>			
Air-operated	Silicone grease	tube 50 g	1161326-2
Hydraulic-operated	Brake fluid SAE J 1703	1 l 5 l 25 l	1128748-9 1128749-7 1128750-5
	Synthetic Molybdenum	tube 50 g	1161037-5
Clutch levers	Lube grease Li/EP	tube 80 g	1161241-3
Thrust plate slide surfaces	Lube grease Li/EP	tube 80 g	1161241-3
Plate hub, shaft	Heat-resistant	tin 250 g	1161311-4
<b>Group 42. Torque converter</b>			
Bearings	Engine oil	bottle 1 l	1343306-5
Splines	Heat-resistant	tin 250 g	1161311-4
Automatic transmission rubber bushings	Bushing paste	tin 100 g	1161153-0
Automatic transmission flange seal	Synthetic Molybdenum	tube 50 g	1161037-5

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<u>Group 43. Gearbox</u>			
Shift frame	Lube grease Li/EP	tube 80 g	1161241-3
Remote control	Lube grease Li/EP	tube 80 g	1161241-3
Control cylinder housing	Rustproofing	bottle 1 l	282036-3
SR 61:			
Selector fork bushing	Lube grease Li/EP	tube 80 g	1161241-3
Input shaft needle bearing	Special grease	tin 100 g	1161003-7
Gasket material	Silicone grease	cartridge 300 ml	1161240-5
<u>Group 45. Propeller shaft</u>			
Rollers	Molybdenum disulphide grease	tin 250 g	1161078-9
<u>Group 46. Rear axle</u>			
Flange, nut	Molybdenum disulphide grease	tin 250 g	1161078-9
Differential - Wheel	Glidlack	spray 400 ml tin 500 g	1161327-0 1161008-6
<u>SECTION 5. BRAKES</u>			
Hydraulic master cylinder and control cylinder	Brake fluid SAE J 1703	1 l 5 l 25 l	1128748-9 1128749-7 1128750-5
Hydrovac airpak:			
Hydraulic-plunger	Synthetic-Molybdenum	tube 50 g	1161037-5
Servo-air	Silicone grease	tube 50 g	1161326-2
Vacuum pump	Engine oil		
Equalizing valve	Brake fluid SAE J 1703	1 l 5 l 25 l	1128748-9 1128749-7 1128750-5
Pedal journalling	Lube grease Li/EP	tube 80 g	1161241-3
Maxibrake	Lube grease Li/EP	tube 80 g	1161241-3
Wedge brakes, piston cylinders	Lube grease Li/EP	tube 80 g	1161241-3
Z-cam housing components	Lube grease Li/EP	tube 80 g	1161241-3
Valves (compressed air)	Silicone grease	tube 50 g	1161326-2
Pivot pin - Roller (TB)	Bolting paste	tin 225 g	1161035-9
Contact area, shoe Z-cam	Bolting paste	tin 225 g	1161035-9



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<u>SECTION 6. STEERING</u>			
King-pin journalling	Lube grease Li/EP	tube 80 g	1161241-3
Ball joint steering rod	Lube grease Li/EP	tube 80 g	1161241-3
Steering column, splines	Molybdenum disulphide grease	tin 250 g	1161078-9
Servo cylinder	ATF	can 5 l	282996-8
Steering gear, mechanical	Rear axle oil GL 5		
Steering gear, power:			
Loose balls and rollers	Bushing paste	tin 100 g	1161153-0
Other parts	ATF	can 5 l	282996-8
Servo pump	ATF	can 5 l	282996-8
<u>SECTION 7. HUB</u>			
Wheel bearings: greased	Lube grease Li/EP	cartridge 400 g	1161251-2
Wheel bearings: oiled, front	Engine oil		
Wheel bearings, oiled, rear	Rear axle oil GL 5		
<u>SECTION 8. BODY</u>			
Wiper shaft	Lube grease Li/EP	tube 80 g	1161241-3
Rearview mirror retainer	Lube grease Li/EP	tube 80 g	1161241-3
Door hinges	Lube grease Li/EP	tube 80 g	1161241-3
Door stops	Lube grease Li/EP	tube 80 g	1161241-3
Seat rails	Lube grease Li/EP	tube 80 g	1161241-3
Lock buttons	Bushing paste	tin 100 g	1161153-0
Lock cylinders	Lock oil/All-round spray	aerosol 0,18 l	1161036-7
Striker plates	Bushing paste	tin 100 g	1161153-0
Lock lugs	Bushing paste	tin 100 g	1161153-0
<u>SECTION 9. MISCELLANEOUS</u>			
Hydraulic pump:			
Driven splines	Molybdenum disulphide grease	tin 250 g	1161078-9
Other parts	Hydraulic oil	barrel 208 l can 4 l bottle 1 l	1161114-2 1161115-9 1161116-7

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<b>Robson drive:</b>			
Joints	Lube grease Li/EP	tube 80 g	1161241-3
Other parts	Hydraulic oil	barrel 208 1 can 4 1 bottle 1 1	1161114-2 1161115-9 1161116-7
<b>Bogie lift:</b>			
Joints	Lube grease Li/EP	tube 80 g	1161241-3
Other parts	Hydraulic oil	barrel 208 1 can 4 1 bottle 1 1	1161114-2 1161115-9 1161116-7
Fifth wheels	Lube grease Li/EP	cartridge 400 g	1161251-2
late	Lube grease Li/EP	cartridge 400 g	1161251-2
<b>Cranes:</b>			
Joints	Lube grease Li/EP	tube 80 g	1161241-3
Other parts	Hydraulic oil	barrel 208 1 can 4 1 bottle 1 1	1161114-2 1161115-9 1161116-7
Trailer coupling	Lube grease Li/EP	cartridge 400 g	1161251-2
<b>Tipper cylinder:</b>			
Pin, ball	Lube grease Li/EP	tube 80 g	1161241-3
Joints	Lube grease Li/EP	tube 80 g	1161241-3
Other parts	Hydraulic oil	barrel 208 1 can 4 1 bottle 1 1	1161114-2 1161115-9 1161116-7

#### Lubricants for central lubrication

For vehicles with central lubrication we recommend the following:

#### Grease lubrication

Li/mo S<sub>2</sub> grease NLGI No. 1, that is grease on a lithium base with molybdenum disulphide additive and with consistency NLGI No. 1.

Oil lubrication

Oil type ..... Rear axle oil  
 Quality ..... API-GL-5 (MIL-L-2105 B or C)  
 Viscosity ..... SAE 80 W/90

Lubricant for climate unit

Vacuum pump:

Filler station	Vacuum pump oil	bottle 0.5 l	1160049-1
Air conditioning compressor	AC compressor oil (deparaffined bottle)	bottle 0.5 l	1160048-3

Freon 12 (dichlordifluormethane) is used as the cooling medium.

The following can be purchased from Volvo

	<u>Packaging</u>	<u>Art.no.</u>
Engine oil SAE 15W/40 Volvo Drain Specification	barrel 208 l	1161278-5*
Final drive oil SAE 85W/140 GL 5	barrel 208 l	1161279-3*
Gearbox oil SAE 80W/90 GL 1	barrel 208 l	1161280-1*
SAE 80W GL 4 (only ZF gearboxes)	barrel 208 l	1161281-9*
Thermo oil (synthetic) for gearboxes SAE 10W/50	drum 25 l	1161243-9
	barrel 208 l	1161245-4

\* Not kept in stock for direct delivery.