



Position	Description	Specification	Filling quantity
1	Motoil acc. to manufactinstruction	MIL - L - 2104C	first fill approx.12l oil change approx.9,5l
2.3	Gear oil SAE 90	MIL - L - 2105B	approx 5l
3.2	Gear oil SAE 90	MIL - L - 2105B	approx 6,5l
3.4	Gear oil SAE 90	MIL - L - 2105B	per each planetary drive approx 1,7l
4.2 *	Gear oil SAE 90	MIL - L - 2105B	approx 7l
4.4	Gear oil SAE 90	MIL - L - 2105B	per each planetary drive approx.2l
7.3	Hydraulic oil	HLP - oil acc. to ISO - VG46 with a VI bigger than 180	approx. 120l
8	Multipurpose grease lubrication	DIN 51502K2K	according to requirment
9.2	Brake fluid		according to requirment

Explanations of symbols

△ - first oil change resp.first filter change resp first control

○ - control respectively greasing

◆ - change at 1000 working hours or every year

* When necessary use LS gear oil SAE 90 with limited slip admixtures.

Attention

Please pay attention to the safety rules when servicing the unit

Time interval/h							Pos.	Maintenance places
10	50	100	200	600	1000			
						○	1	<u>Motor</u>
							1.1	Maintenance acc. to manufacturer's instruction
							1.2	<u>Dry Air Filter</u>
								Observe stop indicator during operation.
								Change filter element if stop indicator indicates „red“
							1.3	Clean dust container
	○						2	<u>Distribution Gear</u>
	△					◆	2.1	Control parking brake (regulate)
			○				2.2	Oil control (control screw)
							2.3	Oil change
	△					◆	3	<u>Front Axle</u>
			○				3.1	Axle gear, oil control (control screw)
						◆	3.2	Axle gear, oil change
			○			◆	3.3	Planetary drive, oil control (control screw)
	△					◆	3.4	Planetary drive, oil change
	△					◆	4	<u>Steering Axle</u>
			○				4.1	Axle gear, oil control (control screw)
						◆	4.2	Axle gear, oil change
			○			◆	4.3	Planetary drive, oil control (control screw)
	△					◆	4.4	Planetary drive, oil change
	○						5	<u>Wheels and Tyres</u>
△			○				5.1	Control inflation
							5.2	Control wheel nuts
		△		○			6	<u>Cardan Shafts and Ball bearing slewing rim</u>
							6.1	Control fixtures
	○	△				◆	7	<u>Hydraulic System</u>
						◆	7.1	Change filter cartridges / observe
						◆	7.2	Oil control / stop indicator
						◆	7.3	Oil change
	○						8	<u>Places for Grease lubrication</u>
							8.1	Shovel unit/tods
							8.2	Hydraulic cylinder
							8.3	Cardan shafts / ball bearing slewing rim
							8.4	Oscillation crossbar
							8.5	guiding axle/engine bonnet
							8.6	Tie rod yokes
	○						9	<u>Brake systems</u>
							9.1	Sight control / function check
		○					9.2	Check liquid level / refill