MAINTENANCE INTERVALS TABLE

Operator maintenance chart

						Но	ur m	nete	r ind	licat	ion				Reference
No.	Che	eck point	Measure	5 0	1 0 0	1 5 0	2 0 0	2 5 0	3 0 0	3 5 0	4 0 0	4 5 0	5 0 0	Interval	
1	Walk-around inspec	tion	Check	Daily check											3-11
2	Dust valve		Clean				D	aily	ched	ck					3-11
3	Engine oil level		Check				D	aily	ched	ck					3-11
4	Coolant level		Check				D	aily	ched	ck					3-11
5	Radiator and A/C co	ondenser	Check				D	aily	ched	ck					3-12
6	Air conditioning belt	and fan belt	Check				D	aily	ched	ck					3-12
7	Exhaust system lea	kage	Check				D	aily	ched	ck					3-13
8	Hydraulic oil level		Check				D	aily	ched	ck					3-14
9	Water separator	Check				D	aily	ched	ck			3-14			
10	Lubrication points	Grease				D	aily	ched	ck			3-15			
11	Fuel level	Check	Daily check											3-16	
12	Washer liquid level	Check				D	aily	ched	ck			3-16			
13	Engine and electrica	al wiring	Check		Daily check										3-17
14	Fuel tank		Drain	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-19
15	Battery		Check	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-19
16	Swivel gear		Grease	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-21
17	Track tension		Check	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-21
17	Track terision		Adjust	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-21
18	Water separator		Clean	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-23
19	Air conditioning filte	r* ^{1, 2}	Clean			0			0			0		Every 150 h	3-25
20	Swivel bearing		Grease				0				0			Every 200 h	3-27
21	Engine air cleaner elements*1	Outer element	Clean				0				0			Every 200 h	3-27
22	Radiator hoses and clamps		Check				0				0			Every 200 h	3-28
23	Intake air line		Check				0				0			Every 200 h	3-28
24	Fuel line		Check				0				0			Every 200 h	3-29

^{* 550} through 1000 continues to the following table.

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3. MAINTENANCE

						Но	ur n	nete	r ind	licat	ion				Reference
No.	Che	Check point		5 5 0	6 0 0	6 5 0	7 0 0	7 5 0	8 0 0	8 5 0	9 0 0	9 5 0	1 0 0 0	Interval	
1	Walk-around inspec	tion	Check				D	aily	che	ck			3-11		
2	Dust valve		Clean				D	aily	che	ck					3-11
3	Engine oil level		Check				D	aily	che	ck					3-11
4	Coolant level		Check				D	aily	che	ck					3-11
5	Radiator and A/C co	ondenser	Check				D	aily	che	ck					3-12
6	Air conditioning belt	and fan belt	Check				D	aily	che	ck					3-12
7	Exhaust system lea	kage	Check				D	aily	che	ck					3-13
8	Hydraulic oil level	Check				D	aily	che	ck					3-14	
9	Water separator	Check				D	aily	che	ck			3-14			
10	Lubrication points	Grease	Daily check											3-15	
11	Fuel level	Check	Daily check											3-16	
12	Washer liquid level	Check	Daily check											3-16	
13	Engine and electrica	al wiring	Check		Dai l y check										3-17
14	Fuel tank		Drain	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-19
15	Battery		Check	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-19
16	Swivel gear		Grease	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-21
47	Totaleteration		Check	0	0	0	0	0	0	0	0	0	0	Every 50 h	0.04
17	Track tension		Adjust	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-21
18	Water separator		Clean	0	0	0	0	0	0	0	0	0	0	Every 50 h	3-23
19	Air conditioning filter*1, 2		Clean		0			0			0			Every 150 h	3-25
20	Swivel bearing		Grease		0				0				0	Every 200 h	3-27
21	Engine air cleaner elements*1	Outer element	C l ean		0				0				0	Every 200 h	3-27
22	Radiator hoses and clamps		Check		0				0				0	Every 200 h	3-28
23	Intake air line		Check		0				0				0	Every 200 h	3-28
24	Fuel line		Check		0				0				0	Every 200 h	3-29

^{*1} Clean or replace the air conditioning filter and engine air cleaner elements more frequently if used under dusty conditions. If the elements are very dirty due to dusty conditions, replace the elements.

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^{*2} If you feel a drop in the air-conditioner airflow, replace the air conditioning filter with a new one, regardless of its replacement interval.

Skilled personnel maintenance chart

						Но	ur n	nete	r inc	licat	ion				
No.	Check point		Measure	5 0	1 0 0	1 5 0	2 0 0	2 5 0	3 0 0	3 5 0	4 0 0	4 5 0	5 0 0	Interval	Reference
25	Air conditioning bel	t and fan belt	Adjust					0					0	Every 250 h	3-31
26	Air conditioning bel	t and fan belt	Replace										0	Every 500 h	3-33
27	Water separator ele	ement	Replace										0	Every 500 h	3-34
28	Engine oil and engi	ne oil filter	Replace										0	Every 500 h	3-34
29	Travel motor gear o	oil ^{*1}	Replace	•									0	Every 500 h	3-35
30	Fuel filter		Replace										0	Every 500 h	3-36
31	Tank Breather filter		Replace										0	Every 500 h	3-36
32	Air conditioning filte	_r *2, 3	Replace											Every 600 h	3-39
33	Return filter*4		Replace											Every 1000 h	3-41
34	Pilot filter		Replace											Every 1000 h	3-42
35	Hydraulic oil and su	uction filter*4	Replace											Every 1000 h	3-43
	Engine air cleaner	Outer element	Replace											Every 1000 h	0.44
36	elements*2	Inner element	Replace											Every 1000 h	3-44
37	Valve clearance		Check											Every 1000 h	3-45
38	Oil separator element		Replace											Every 1500 h	3-51
39	EGR cooler		Check											Every 1500 h	3-51
40	Engine oil in the front idler and track roller		Replace											Every 2000 h	3-53
41	Alternator		Check											Every 2000 h	3-54
42	Starter motor		Check											Every 2000 h	3-54
43	EGR valve		Check											Every 3000 h	3-57
44	DPF muffler*5, 6		Clean											Every 6000 h	3-59
45	Safety inspection*7		Check											Annually	3-61
46	Intake air line		Check											Annually	3-61
47	DPF muffler		Check											Annually	3-61
48	EGR and EGR pipi	ng	Check											Annually	3-62
49	Air conditioning and	d heater hoses	Check											Annually	3-63
50	Air conditioning and	d heater hoses	Replace											Every 2 years	3-65
51	Radiator hoses and	l clamps	Replace											Every 2 years	3-66
52	Fuel line		Replace											Every 2 years	3-67
53	Intake air line		Replace											Every 2 years	3-67
54	Coolant		Replace											Every 2 years	3-68
55	Oil separator rubbe	r piping	Replace											Every 2 years	3-69
56	DPF differential pre piping	ssure sensor and rubber	Replace											Every 2 years	3-69
57	EGR cooler hose		Replace											Every 2 years	3-70
58	Hydraulic hoses		Replace											Every 2 years	3-70

(Continued)

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3. MAINTENANCE

					Но	ur n	nete	r ind	licat						
No.	Check point	Measure	50	1 0 0	1 5 0	2 0 0	2 5 0	3 0 0	3 5 0	4 0 0	4 5 0	5 0 0	Interval	Reference	
59	Refrigerant	Check											Perform main- tenance as re- quired	3-71	

^{* 550} through 1000 continues to the following table.

						Но	ur n	nete	r inc	licat	ion				
No.	Check point		Measure	5 5 0	6 0 0	6 5 0	7 0 0	7 5 0	8 0 0	8 5 0	9 0 0	9 5 0	1 0 0 0	Interval	Reference
25	Air conditioning belt	and fan be l t	Adjust					0					0	Every 250 h	3-31
26	Air conditioning belt	and fan belt	Replace										0	Every 500 h	3-33
27	Water separator ele	ment	Replace										0	Every 500 h	3-34
28	Engine oil and engi	ne oil filter	Replace										0	Every 500 h	3-34
29	Travel motor gear o	il ^{*1}	Replace										0	Every 500 h	3-35
30	Fuel filter		Replace										0	Every 500 h	3-36
31	Tank Breather filter		Replace										0	Every 500 h	3-36
32	Air conditioning filte	r* ^{2, 3}	Replace		0									Every 600 h	3-39
33	Return filter*4		Replace										0	Every 1000 h	3-41
34	Pilot filter		Replace										0	Every 1000 h	3-42
35	Hydraulic oil and su	ction filter	Replace										0	Every 1000 h	3-43
36	Engine air cleaner	Outer element	Replace										0	Every 1000 h	3-44
30	elements*2	Inner element	Replace										0	Every 1000 h	3-44
37	Valve clearance		Check										0	Every 1000 h	3-45
38	Oil separator eleme	nt	Replace											Every 1500 h	3-51
39	EGR cooler		Check											Every 1500 h	3-51
40	Engine oil in the fro	nt idler and track roller	Replace											Every 2000 h	3-53
41	Alternator		Check											Every 2000 h	3-54
42	Starter motor		Check											Every 2000 h	3-54
43	EGR valve		Check											Every 3000 h	3-57
44	DPF muffler*5, 6		Clean											Every 6000 h	3-59
45	Safety inspection*7		Check											Annually	3-61
46	Intake air line		Check											Annually	3-61
47	DPF muffler		Check											Annually	3-61
48	EGR and EGR pipir	ng	Check											Annually	3-62
49	Air conditioning and heater hoses		Check											Annually	3-63
50	Air conditioning and heater hoses		Replace											Every 2 years	3-65
51	Radiator hoses and clamps		Replace											Every 2 years	3-66
52	Fuel line		Replace											Every 2 years	3-67

(Continued)

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					Но	ur n	nete	r ind						
No.	Check point	Measure	5 5 0	6 0 0	6 5 0	7 0 0	7 5 0	8 0 0	8 5 0	9 0 0	9 5 0	1 0 0 0	Interval	Reference
53	Intake air line	Replace											Every 2 years	3-67
54	Coolant	Replace											Every 2 years	3-68
55	Oil separator rubber piping	Replace											Every 2 years	3-69
56	DPF differential pressure sensor and rubber piping	Replace											Every 2 years	3-69
57	EGR cooler hose	Replace											Every 2 years	3-70
58	Hydraulic hoses	Replace											Every 2 years	3-70
59	Refrigerant	Check											Perform main- tenance as re- quired	3-71

^{*} Servicings marked with • must be carried out once the specified hours of operation after initial commissioning have been reached.

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^{*1} Replace earlier if necessary.

^{*2} Clean or replace the air conditioning filter and engine air cleaner elements more frequently if used under dusty conditions. If the elements are very dirty due to dusty conditions, replace the elements.

^{*3} If you feel a drop in the air-conditioner airflow, replace the air conditioning filter with a new one, regardless of its replacement interval.

^{*4} If using a hydraulic breaker, change the hydraulic oil and the return filter according to the table on the operator's manual.

^{*5} The machine features a warning system for the DPF cleaning. The diesel particle filter should be cleaned in the event of a warning or every 6000 operating hours.

^{*6} Carry out this maintenance referring to "DPF HANDLING MANUAL (FOR EXCAVATOR)".

^{*7} At least annually.