9050B EXCAVATOR

Operator's Manual

9-25850

CASE CONSTRUCTION

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11. WORK LAMP BUTTON: This switch has three positions, (1) Off, (2) WORK LAMP 1, and (3) WORK LAMP and BOOM LAMP 2. Push and release the button to actuate the switch. When WORK LAMP 1 is selected, the indicator lamp next to 1 is On. When WORK LAMP and BOOM LAMP 2 is selected, the indicator lamp next to 2 is On. Push and release the button again for OFF.

12. ONE TOUCH / AUTO SELECT BUTTON: This switch has two positions, ONE TOUCH and AUTO. When the engine is started, the ONE TOUCH mode is selected and the indicator lamp next to ONE TOUCH is On. Push the button on the right equipment control lever to reduce the engine speed to IDLE. Push the button again to increase the engine speed.
Push and release the One Touch/Auto Select button for the AUTO mode (lamp is Off). In this mode of operation, when you temporarily stop operating, (for about 15 seconds) the engine speed is automatically reduced to idle. When you are ready to dig again, push the One Touch Idle button (12) to return the engine speed to the setting on the hand throttle. The delay time is adjustable from 1 to 30 seconds. See the Service Manual or your Case dealer if you have any questions.



13. ENGINE IDLE BUTTON (ONE TOUCH IDLE BUTTON): Push and release this button to decrease the engine speed to idle. Push and release again to return the engine speed to the original setting. The message ENGINE IDLING is indicated.

Gate Lock Control

The Gate Lock control has two positions. Push this control lever completely down for the OPERATING position and pull up for the CONTROL LOCKED position. When this control lever is pulled up, all operating controls are locked in NEUTRAL and the machine cannot be operated.



1. CONTROL LOCKED Position



1. OPERATING Position

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9050B LUBRICATION CHART

REF. NO.	DESCRIPTION	NO. POINTS	SPECIFICATION	INTERVAL (hr)					
				50	250	500	1000	3000	5000
1	FRONT ATTACHMENT PIN	17	EP, GREASE NO. 2				○		
2	TURNTABLE BEARING	3			○				
3	IDLE PULLEY	2				○			
4	SWING RING GEAR	17 kg, 37.5 lbs				○			
5	ENGINE OIL PAN-SEE NOTE UNDER CHART	29 L, 7.7 gal	ENGINE OIL	△		◎			
6	SWING GEAR REDUCER	14.5 L, 3.8 gal	GEAR OIL		△		◎		
7	TRAVEL GEAR REDUCER	6.8 L x 1.8 gal x 2	GEAR OIL		△		◎		
8	HYDRAULIC SYSTEM	320 L, 84.5 gallons	HYDRAULIC OIL						◎
9	HYDRAULIC SUMP TANK	152 L, 40 gallons	HYDRAULIC OIL						◎
10	ENGINE RADIATOR	38 L, 10 gallons	45% WATER + 55% ANTIFREEZE	EVERY 2 YEARS					
11	FUEL TANK	580 L, 153.2 gallons	DIESEL FUEL	WHEN REQUIRED					
A	PILOT LINE FILTER	1	ELEMENT (153233A1)	△			◎		
B	FUEL FILTER	1	ELEMENT (151193A1)			◎			
C	ENGINE OIL FILTER	1	ELEMENT (151197A1)	△		◎			
D	RETURN FILTER	1	ELEMENT (153044A1)	△			◎		
E	SUCTION FILTER	1	ELEMENT (152721A1)				□		◎
F	DRAIN FILTER	1	ELEMENT (150794A1)	△			◎		
G	AIR CLEANER (OUTER)	1	ELEMENT (150783A1)		□		◎		
H	AIR CLEANER (INNER)	1	ELEMENT (151397A1)		□		◎		
I	ULTRA CLEAN FILTER	1	ELEMENT (158282A1)				◎		

○ : LUBRICATE GREASE
△ : CHANGE INITIALLY
◎ : CHANGE OIL OR REPLACE ELEMENT
□ : CLEAN

RECOMMENDED GREASE AND OIL SPEC. ARE AS FOLLOWS.

EP. GREASE : LITHIUM GREASE NO. 2
ENGINE OIL : SEE OPERATORS MANUAL
GEAR OIL : API GL-4 SAE 90
HYDRAULIC OIL : SEE OPERATORS MANUAL

NOTES: 1. LUBRICATE FRONT ATTACHMENT PINS DAILY DURING SEVERE OPERATION IN WATER.
2. SEE OPERATORS MANUAL FOR DETAILED PROCEDURES AND SPECIFICATIONS.
3. INTERVAL - HOURS ON THIS CHART ARE BASED ON SAE J752b AS FOLLOWS.

50 (OR WEEKLY) * 1000 (OR 6 MONTHS) *
250 (OR MONTHLY) * 5000 (OR 2.5 YEARS) *
500 (OR 3 MONTHS) *

* WHICHEVER OCCURS FIRST

NOTE: Engine oil capacity with filter change is 31 U.S. quarts (29.3 litres).

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LIFTING CAPACITIES (HEAVY LIFT)

In the F (Fine) Mode

13 ft 3 in (4.03 m) Arm

Pounds

	OVER END						Unit-lb
Load (Lift) Point Height	Load Radius						
	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	Maximum
20 ft					11050*		6000* at 35 ft 8 in
15 ft				13450*	12550*		6050* at 37 ft 1 in
10 ft		17850*	17850*	15050*	13300	8000*	6300* at 37 ft 9 in
5 ft	25200*	29950*	20900*	16750*	13100	9850*	6700* at 37 ft 7 in
Ground Level	21150*	33600*	23550*	17000	12700	9300*	7350* at 36 ft 7 in
– 5 ft	25700*	34350*	23550	16500	12400		8400* at 34 ft 10 in
–10 ft	32400*	33450*	23300	16300	12300		10050* at 32 ft 0 in
–15 ft	42600*	30700*	22700*	16450			11750* at 27 ft 10 in
–20 ft	35200*	25000*	16300*				

	OVER SIDE						Unit-lb
Load (Lift) Point Height	Load Radius						
	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	Maximum
20 ft					9450		6000* at 35 ft 8 in
15 ft				12900*	9200		6000 at 37 ft 1 in
10 ft		17850*	17350*	12200	8850	6500	5650 at 37 ft 9 in
5 ft	25200*	25550	16350	11450	8400	6300	5500 at 37 ft 7 in
Ground Level	21150*	23550	15250	10800	8000	6100	5650 at 36 ft 7 in
– 5 ft	25700*	22650	14550	10350	7750		6150 at 34 ft 10 in
–10 ft	32400*	22650	14350	10150	7650		7100 at 32 ft 0 in
–15 ft	42600*	22950	14500	10300			9150 at 27 ft 10 in
–20 ft	35200*	23400	15000				

NOTE: Capacities that are marked with an asterisk (*) are limited by hydraulic capacities.

The above lifting capacities were measured using a 2 090 pound (948 kg) bucket.

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