TEN00365-01

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC2000-8

SERIAL NUMBERS 20186 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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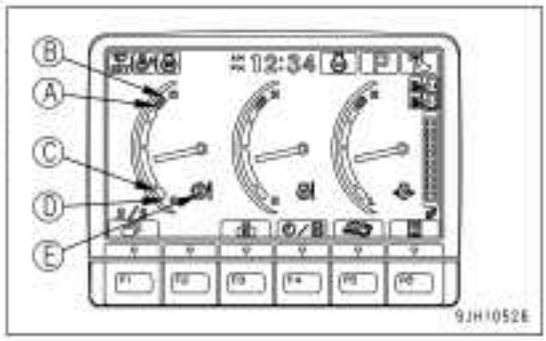
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PTO Temperature Gauge

This meter (10) shows the PTO oil temperature. The indicator should be in the green range during operations. If the indicator starts to enter red range (A) during operations, it shows that the PTO oil temperature is more than 122°C (251.6°F). If this happens, run the engine at low idling or stop the engine and wait for the PTO oil temperature to go down to the correct range.

- (A) - (B): Red range
- (A) - (C): Green range
- (C) - (D): White range



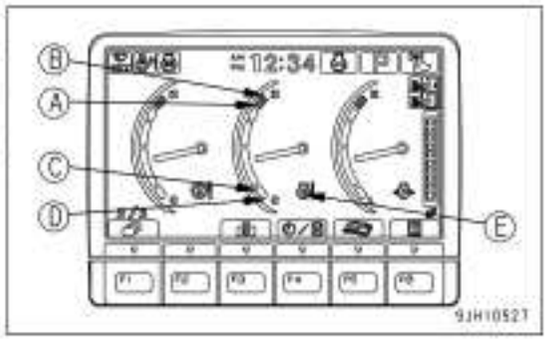
REMARK

- When the indicator enters red range (A) - (B), the PTO oil temperature is as follows.
  Red range position (A): More than 122°C (251.6°F)
  Red range position (B): More than 125°C (257.0°F)
- When the indicator is in red range (A) - (B), the PTO oil temperature monitor (E) lights up red.
- When the engine is started, if the indicator is at position (D), the PTO oil temperature is below 0°C (32.0°F) and PTO oil temperature monitor (E) lights up white. In this case, carry out the warming-up operation. For details, see "Engine Warm Up (PAGE 3-211)" and "Hydraulic Equipment Warm Up (PAGE 3-213)".

Engine Oil Temperature Gauge

This meter (11) shows the engine oil temperature. The indicator should be in the green range during operations. If the indicator starts to enter red range (A) during operations, it shows that the engine oil temperature is more than 122°C (251.6°F). If this happens, run the engine at low idling or stop the engine and wait for the engine oil temperature to go down to the correct range.

- (A) - (B): Red range
- (A) - (C): Green range
- (C) - (D): White range



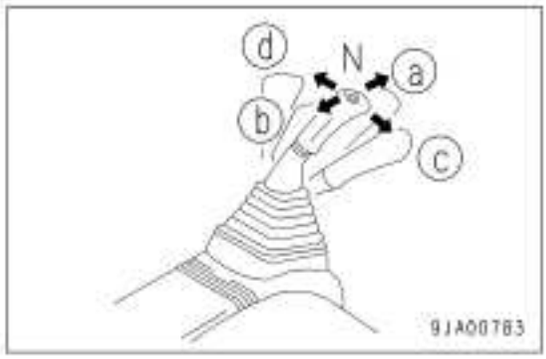
REMARK

- When the indicator enters red range (A) - (B), the engine oil temperature is as follows.
  Red range position (A): More than 122°C (251.6°F)
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- When the indicator is in red range (A) - (B), engine oil temperature monitor (E) lights up red.
- When the engine is started, if the indicator is at position (D), the PTO oil temperature is below 0°C (32.0°F) and PTO oil temperature monitor (E) lights up white.
  In this case, carry out the warming-up operation. For details, see "Engine Warm Up (PAGE 3-211)" and "Hydraulic Equipment Warm Up (PAGE 3-213)".

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Work Equipment Control Lever

Left work equipment control lever (3) is used to operate the arm and upper structure.

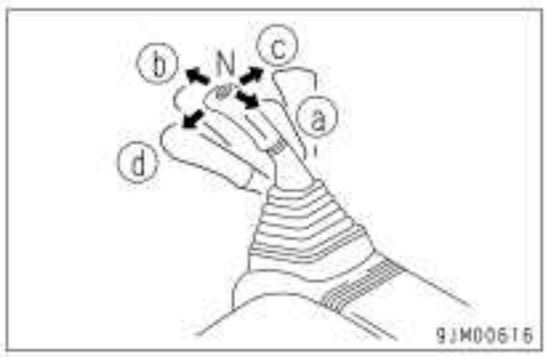


Arm operation
(a) Arm OUT
(b) Arm IN

Swing operation
(c) Swing to right
(d) Swing to left

N (Neutral) : The upper structure and arm are held in position and do not move.

Right work equipment control lever (4) is used to operate the boom and bucket.



Boom operation
(a) RAISE
(b) LOWER

Bucket operation
(c) DUMP
(d) CURL

N (Neutral) : The boom and bucket are held in position and do not move.

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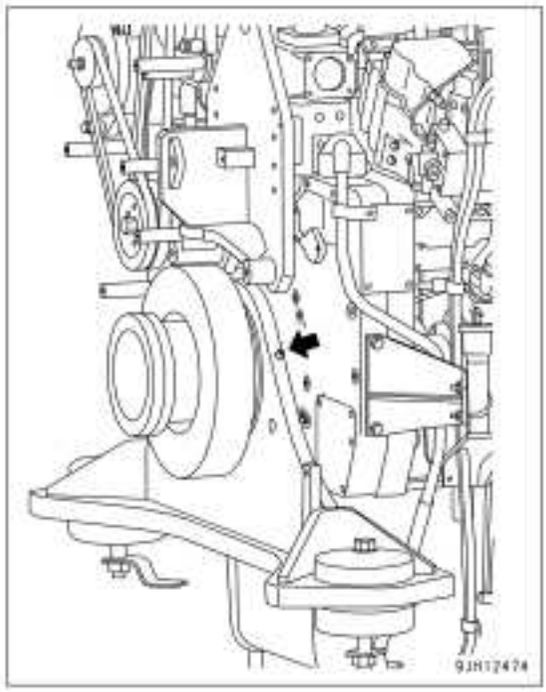
EVERY 4000 HOURS MAINTENANCE

Maintenance for every 250, 500, 1000 and 2000 hours service should be carried out at the same time.

GREASE ENGINE MOUNT

(if equipped)

Add grease with a grease gun through grease fitting (2) on engine mount (1).



CHECK WATER PUMP

Check that there is no leakage of water from around the water pump. If there is any problem, ask your Komatsu distributor to carry out disassembly and repair or replacement.

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