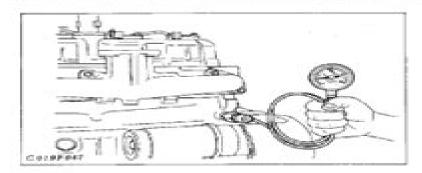


Checking Gear Backlash

- 1) Install a lever-type indicator between year teeth.
- 2) Clamp one gear, rotate the other, and measure the backlash.
- 3) Replace if the measurement exceeds the allowable limit,

Reference value	0.042 to 0.115 mm 0.0017 to 0.0045 in.
Allowable limit	0.15 mm 0.0059 im.

LUBRICATION



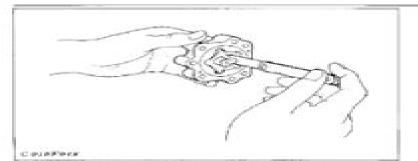
Testing Oil Pressure

- 1) Detach the oil switch and attach a pressure gauge.
- Start the engine. Measure oil pressures both at idling and the rated speed running.
- If the measurement is not within the reference range, check the oil pump, the cilways, the oil clearances and the pressure-regulating valve.

(Note for measuring)

- Supply the specified amount of genuine oil.
- Keep the oil filter from being clogged or torn.

	beterence value
As idling speed	Approx. 98.1 kPs. or more Approx. 1.0 kgf/cm ² or more Approx. 14.2 lb./sq.in. or more
At rated engine speed	294.2 to 441.3 kfs. 3.0 to 4.5 kg/Jom ¹ 42.7 to 64.0 to /ro. rs.



Oil Pump (Rotor Type) (1) Checking Rotor Lobe Clearance

- Mate the projections of the inner and outer rotors. Insert a feeler gauge into the gup between the projections.
- 2) Replace if the measurement exceeds the allowable limit.

Model	Pteference value	Adlignmentale timele
D1102-8 D1302-8 D1402-8	0.10 to 0.16 met 0.0009 to 0.0003 in.	9.20 mm
V1502-8 V1702-8 V1502-8	0.04 to 0.13 mm 0.0016 to 0.0051 in.	0.0079 in.

Kubota V1702 Engine Manual

M Woodhall

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