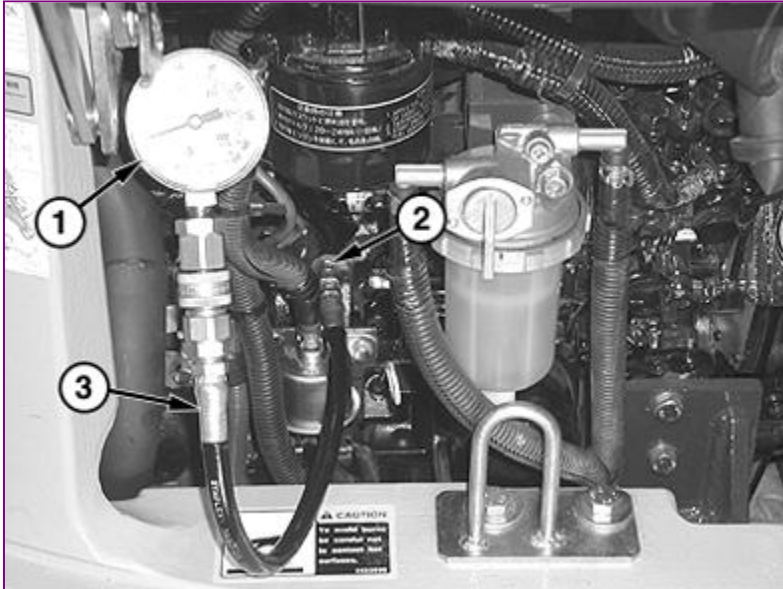


TM10258 - 17D Excavator Engine Oil Pressure Test

Engine Oil Pressure Test



T205806A-UN: Oil Pressure Test

LEGEND:

- 1 - JT03115 Gauge
- 2 - JT03349 Fitting
- 3 - JT03017 Hose

-: Specifications

SPECIFICATIONS	
Engine Oil Pressure at Low Idle—Minimum	59 kPa 0.9 bar 8.5 psi
Engine Oil Pressure at Fast Idle	290—441 kPa 2.90—4.4 bar 42—64 psi

-: Essential Tools

ESSENTIAL TOOLS
JT05412 Industrial Universal Pressure Test Kit
JT03017 Hose
JT03349 Fitting

-: Service Equipment and Tools

SERVICE EQUIPMENT AND TOOLS

JT03115 Pressure Gauge

NOTE:

Before performing test, make sure oil filter is clean. A dirty oil filter will limit the flow of filtered oil.

1. Warm engine to normal operating temperature.
2. Shut off engine.
3. Remove engine oil pressure switch.
4. Install JT03349 Fitting (2), JT03017 Hose (3), and JT03115 Gauge (1) from universal pressure test kit.
5. Start engine and run at specification.

Item	Measurement	Specification
Engine Oil Pressure at Slow Idle— Minimum	Pressure	59 kPa 0.9 bar 8.5 psi
Engine Oil Pressure at Fast Idle	Pressure	290—441 kPa 2.90—4.4 bar 42—64 psi

6. Record oil pressure.