

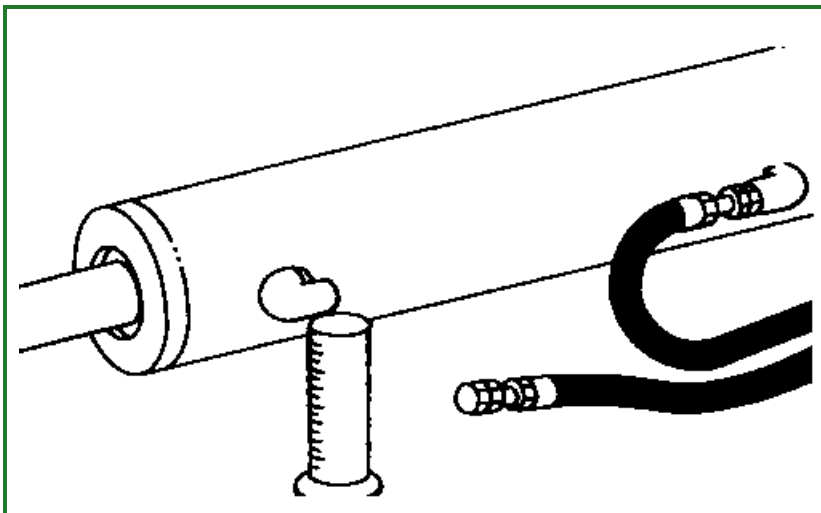
## Hydraulic Cylinder Leakage Test

### -: Specifications

SPECIFICATIONS	
Hydraulic Oil Temperature	60—70°C 140—160°F
Cylinder Leakage	5 mL/min 0.17 oz/min
Engine Speed	Slow Idle

### -: Service Equipment and Tools

SERVICE EQUIPMENT AND TOOLS
Plug (-8 ORFS)
Plug (-4 ORFS)
Cap (-4 ORFS)
Cap (-8 ORFS)



T6222AL-UN: Cylinder Leakage Test

1. Warm hydraulic oil to specifications. [See Hydraulic Oil Warm-Up Procedure](#) . (Group 9025-25.)

Item	Measurement	Specification
Hydraulic Oil Temperature		60—70°C 140—160°F

2. Put transmission control lever (TCL) lever in neutral and engage park brake.
3. Start engine. Fully extend cylinder rod. Stop engine. Activate a hydraulic function to relieve pressure in the system.
4. Disconnect rod end hose and install plug in hose. Use a measuring beaker, after oil stops dripping, to catch oil at cylinder port. (This can also be done at control valve, which would require capping control valve port and putting hose end into measuring beaker after oil stops dripping.)

Item	Measurement	Specification
Cylinder	Leakage	5 ml/min 0.17 oz/min

5. Start engine and actuate cylinder extend function for one minute.

Item	Measurement	Specification
Engine Speed		Slow Idle

6. Stop engine. Measure oil collected and connect hose.
7. Repair cylinder as necessary.
8. Repeat procedure to test each cylinder.

Go to [Section\\_9025:Group\\_25](#)

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