

**TECHNICAL BULLETIN EN-30**

DATE: APRIL 16, 2004  
 MODEL YEAR: 1999 ~ 2004  
 ENGINE MODEL: FE6TA  
 BULLETIN NUMBER: EN-30  
 FILE IN THE ENGINE SECTION OF THE TECHNICAL BULLETIN BINDER

**OIL IN THE RADIATOR AND/OR COOLANT IN THE OIL**

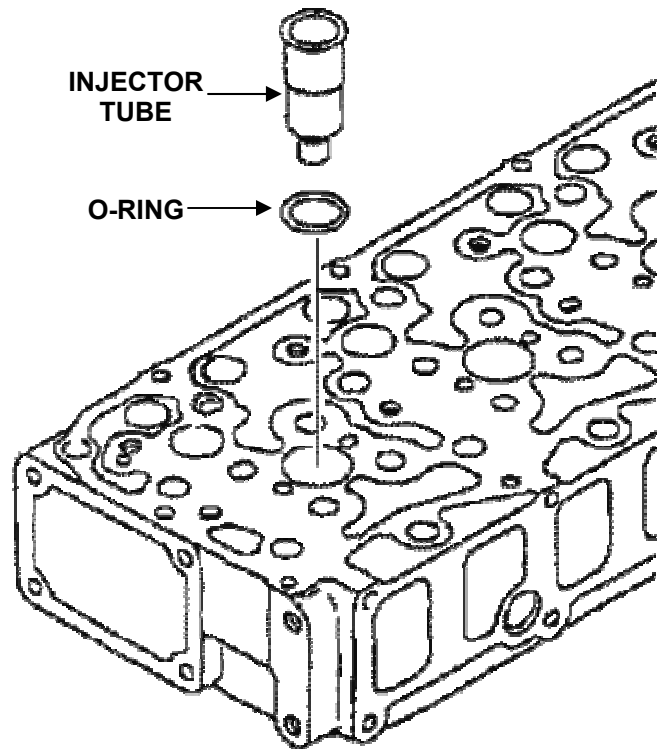
**PURPOSE**

To advise the UD dealer that a leaking injector tube o-ring(s) may allow engine oil to enter the cooling system and/or allow coolant entry into the engine oil.

**DESCRIPTION**

1999 ~ 2004 FE6TA model engine injector tubes are sealed at the top of the cylinder head by an o-ring seal. A leaking o-ring seal may result in engine coolant leakage into the lubricating oil and/or provide a path for engine oil to enter the cooling system as the engine cools after shutdown.

Field reports indicate that dealers are unnecessarily replacing the oil cooler core and are not aware that injector tube o-ring leakage may be the cause of the complaint.



**DIAGNOSIS**

Complaints of coolant loss and/or oil in the radiator may be the result of an injector tube o-ring seal leaking. Remove the valve cover and pressurize the cooling system while inspecting the injector tube(s). It may be necessary to remove the injector(s) to determine coolant leakage from the injector tube o-ring.

**SERVICE NOTICE**

Follow the repair procedures in the appropriate UD Truck Service Manual CD to replace all six (6) injector tubes and o-ring seals if leakage is found. Always pressure test the cylinder head when it has been removed for repairs.

**TOOL NOTICE**

- Use Kent•Moore tool number J-43620 for installing the new injector tubes.
- Use Kent•Moore tool number J-45825 to pressure test the repaired cylinder head prior to reassembly.

THE INFORMATION CONTAINED IN THIS BULLETIN SHOULD NOT BE INTERPRETED AS THE BASIS FOR WARRANTY CLAIMS							
FOR THE INDICATED PERSONNEL BELOW, PLEASE READ, INITIAL, AND ROUTE TO THE FOLLOWING:							
X	SERVICE MANAGER	X	WARRANTY MANAGER	X	SERVICE TECHNICIANS INITIAL BELOW:		
X	PARTS MANAGER	X	SHOP FOREMAN				