

# TECHNICAL BULLETIN EN-32

DATE: April 1, 2005  
 MODEL YEAR: ALL  
 CHASSIS MODEL: ALL  
 BULLETIN NUMBER: EN-32  
FILE IN THE ENGINE SECTION OF THE TECHNICAL BULLETIN BINDER

## TURBOCHARGER PRE-LUBRICATION

### PURPOSE

To advise UD Dealers of the necessity to pre-lubricate replacement turbochargers or following major engine repairs.

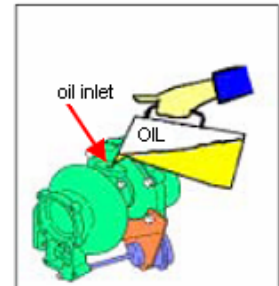
### SERVICE NOTICE

Recent analysis of failed turbochargers has found that the turbine shaft bearings have worn prematurely due to a lack of lubrication. Pre-Lubricating a replacement turbocharger or a turbocharger that has been removed during engine repairs is strongly recommended prior to starting the engine.

### RECOMMENDATION

Follow the steps below when replacing a turbocharger or reinstalling a turbocharger that was removed during engine repairs.

1. Pour new engine oil into the center housing through the oil inlet.
2. Manually rotate the turbine shaft and verify it turns freely.



### OBSERVE THE FOLLOWING PRECAUTIONS DURING ENGINE STARTUP

1. Do not accelerate the engine above 1,000 rpm's immediately after starting.
2. Allow the engine to idle at base idle for at least 1 minute after starting to insure sufficient lubrication.

### ENGINE SHUT DOWN

1. Always idle the engine for 3 to 5 minutes before stopping the engine to allow the turbocharger to cool.

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				