



**FLORIDA**

**DETROIT DIESEL - ALLISON**

*Your Total Power Solution*™




Palm Beach International Airport  
Ok Generator  
Unit S/N 5472000372

ATTN: Robert Birdsong

Mr. Birdsong based on the data log from the engine ECU and the genset controller no evidence reflects a pre-lubing was performed per MTU guide lines after a unit has had a full PM service performed or if the unit had not been ran once a month.

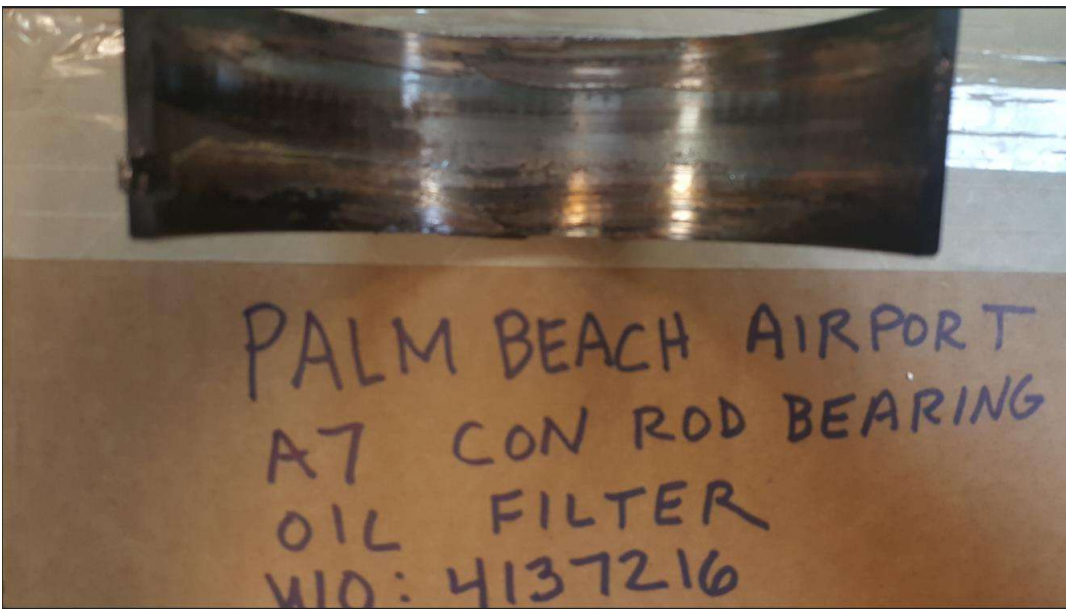
7.1.2 Engine – Barring with starting system

<b>DANGER</b> 	<p>Unguarded rotating and moving engine components. <b>Risk of serious injury – danger to life!</b></p> <ul style="list-style-type: none"> <li>• Before barring or starting the engine, ensure that nobody is in the danger zone.</li> <li>• After working on the engine, check that all protective devices have been reinstalled and all tools removed from the engine.</li> </ul>
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**Engine – Barring with starting system**

1. Release latch of connector X4.
2. Remove connector from engine governor.
3. Bar engine in unloaded condition: Press START button.
4. Let the crankshaft rotate until oil pressure is indicated.
5. Engine start is automatically interrupted when specified starting period has passed. If necessary, re-start the engine after approx. 20 seconds.
6. Connect connector X4 to engine governor and latch in position.

The inspection performed to the unit by our FDDA Ft Lauderdale branch indicated spun bearings. The finding show that the engine had a dry start condition. This failure is consistent with a dry start condition.



**Tampa Branch**

8411 Adamo Drive Tampa Florida 33619 Office 813-621-5651 Fax 813-628-0807



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The next step for the customer to determine the root cause based on our finding, a failure analysis inspection would have to be performed at our FDDA Ft Lauderdale facility with the MTU Factory Representative. This inspection will have a cost to the customer and FDDA can provide this estimate if requested. FDDA will not move forward with any repairs as a warranty repair until the failure analysis by FDDA and the factory representative is performed, and the factory reports indicates that the failure is a warrantable failure. The customer has the option to proceed with the repairs at a cost pending the final report by the factory.

Thank You

Robert (Bobby) Gerena

Generator Department Service Manager

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