

Date: September 24, 2015
Subject: Connecting rod
Engine type: M25

Caterpillar confidential: green

Connecting rods to be checked

Recent field experience has indicated a small risk of the cracking of connecting rods of a particular supplier after long engine operation hours on M25 engines with engine Nos. starting with 42xxx and 44xxx. The connecting rods that are possibly affected were supplied in the time between the beginning of year 2006 and the beginning of year 2007, as original equipment in new engines or as spare parts. These connecting rods have a marking made by the forging die. Connecting rods with markings ending with digit "1" are affected due to potentially undesirable location and orientation (example „25-01 ■ 036B1“; location see figure 1).



figure 1

Due to the fact that engine / vessel ownership might have changed and that new connection rods were purchased as spare parts, we cannot track exactly the potentially affected engines and ask all operators of M25 engines with serial numbers starting with 42 or 44 to take note of this service information.

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Since a failure of the connecting rod can put life and limb of personnel standing next to the engine at risk and pose a threat to the safety of the vessel, we recommend checking all connecting rods installed in M25 engines as well as any spare connecting rod for markings similar to the example above and ending with digit "1" at the next opportunity.

Please note that connecting rods with digit "2" at the end of the marking are NOT affected and can remain in operation without restrictions.

In case affected connecting rods are found, please contact your MaK service dealer for ordering particular rework and magna-flux crack testing immediately. Cracked connecting rods found must be exchanged. A replacement connecting rod will be offered free of charge.

Do not postpone this connecting rod check. Affected connecting rods must be reworked.