

Service Information

Caterpillar Motoren GmbH & Co. KG product support information for medium-speed engines

Engine platform: M43
Engine section: Cylinder head

Engine type: all variants of M43; no DF
Validity: until further notice

No. 0015M43 • Issue 1; December 11, 2018

Information for all engine owners / managers

Action: for immediate attention



Important Notice

M 43 Connecting Rod Small End

With the publication of the service information No. 0005 dated May 10, 2010 we informed about the necessity to exchange connecting rod small ends on a certain engine population and a procedure was installed that allows the exchange of small ends at connecting rods. The majority of the M43 fleet has followed this procedure, no further failure has occurred in the field and the campaign can be considered a success for safety on board. We would like to thank all owners and operators who have contributed to this success.

However, we would like to remind that the technical aspects of that service information are still valid for all M43 type engines still equipped with small ends of the old type (engine factory acceptance tests until January 2009). Operators of engines originally affected where the small ends have been exchanged since, are not concerned by this new service information.

Even though the number of requests for small ends was very small in the recent past, there is still a significant number of engines in the field with old small ends installed. It is safe to assume, though, that almost all engines have accumulated sufficient operating hours to complete main engine overhauls such as 15.000 or 30.000 hrs schedules since publication of service information No.0005. Such engine overhauls were designated opportunities for small end exchanges. Therefore, the small end exchange campaign requires some adjustments.

- **With publication of this service information we will stop offering ultrasonic checks service for small ends free of charge.**
- **The small end exchange campaign initiated in 2011 will end on March 31, 2019. Thereafter, services connected to the exchange, such as the measurement needed to match new small ends to the connecting rods in the engine for example, will have to be ordered.**
- **Small ends ordered after that date, will still be supplied at a special price.**

In case of any questions in this regard please contact your service representative.



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