

Service Information

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

Engine platform: All
Engine assembly: SCR system

Engine type: HFO application with SCR
Validity: Until revoked

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Action: For immediate attention!

NOx sensor unit (compressed air quality)

The NOx sensor unit described here is used only in SCR systems for engine systems operated with HFO.

	<h3 style="text-align: center; background-color: #0070C0; color: white; padding: 5px;">ATTENTION</h3> <p>Failure of the NOx sensor unit due to impurities in the compressed air possible!</p> <p>In this "Service Information Bulletin" we would like to urgently point out that the NOx sensor unit can only be operated trouble-free with extremely clean compressed air as specified in the manufacturer documentation. Even minor impurities in the compressed air will cause the NOx sensor unit to no longer work properly so that it has to be serviced.</p>
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This NOx sensor unit has the IMO No. **"MaK 437294-003"** and differs considerably from NOx sensors used in SCR systems for engines in MDO operation.

Particular attention must be paid to absolute cleanliness during maintenance work on the NOx sensor unit.

To avoid premature maintenance or even replacement of the NOx sensor unit due to impurities in the compressed air, we recommend the installation of an additional filter element (2) directly upline of the NOx sensor unit.

For your orientation: **1** is the NOx sensor unit and its installation location, **2** is the new additional filter element.



	<h3 style="text-align: center; background-color: #0070C0; color: white; padding: 5px;">NOTE</h3> <p>If you are interested, please contact your authorised Caterpillar dealer.</p>
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