Everllence

Service Letter

SL2025-769/JRRO

Two-stroke

Copenhagen, June 2025

Action code: WHEN CONVENIENT

Vaisala HUMICAP moisture and temperature transmitter - MMT330

Concerns

Vaisala MMT330 probe filters on Everllence B&W two-stroke marine combustion engines.

Summary

The MMT330 probe filter may loosen over time in certain harsh environments.

Note

This is only applicable for engines where water-in-oil is monitored with a Vaisala MMT330.

Attachment

Vaisala Customer Letter

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Loose probe filter

We have received reports that, in some cases, the probe filter of the type Vaisala MMT330 might loosen over time in certain harsh environments, for example during strong or continuous vibrations, mechanical shocks, or high oil flows.

For this reason, Vaisala has released the information attached, recommending that customers using their instruments in critical applications should pay special attention to the probe filter tightness.

If your Everllence B&W two-stroke engine has a Vaisala MMT330 installed for water-in-oil monitoring of lubricating oil (XT/XS 8150) and hydraulic oil (XT/XS 1350), you should follow the recommendations described in the Vaisala Customer Letter, which is attached.

Yours sincerely,

Susanne Kindt
Vice president, Engineering

Lars Danefeldt Sønderby
Senior manager, Engine Installation

Vaisala HUMICAP Moisture and Temperature Transmitter for Oil MMT330 Probe Filter Tightness Customer Letter

To Whom It May Concern,

We have noticed that the MMT330 probe filter may loosen over time in certain harsh environments involving strong or continous vibration, mechanical shocks or high oil flow. Customers using their instruments in critical applications should pay special attention to the filter tightness.

Vaisala recommends periodical instrument and probe condition checks to verify that the filter is not loose or stuck with e.g. dirt and that the instrument's measurement performance is maintained. Depending on the application, calibration every 1 to 3 years is strongly recommended to maintain the performance of the instrument.

The recommended probe filter torque is 5 Nm for stainless steel filter. Please see filter tightening details in the attached appendix 1. Product maintenance and calibration related details can be found in the MMT330 user's guide, or http://docs.vaisala.com (digital user's guide).

Please do not hesitate to contact Vaisala Helpdesk (helpdesk@vaisala.com) in case of any questions.

Vantaa, August 14th, 2024

Juhani Lehto
Product Manager

Appendix 1. MMT330 Filter Tightening

The MMT330 filter is opened and closed with a suitable 13 mm wrench/spanner tools. When the MMT330 is being calibrated, please remove the filter before inserting the probe head into the reference humidity chamber. Please see details in the MMT330 user's guide.

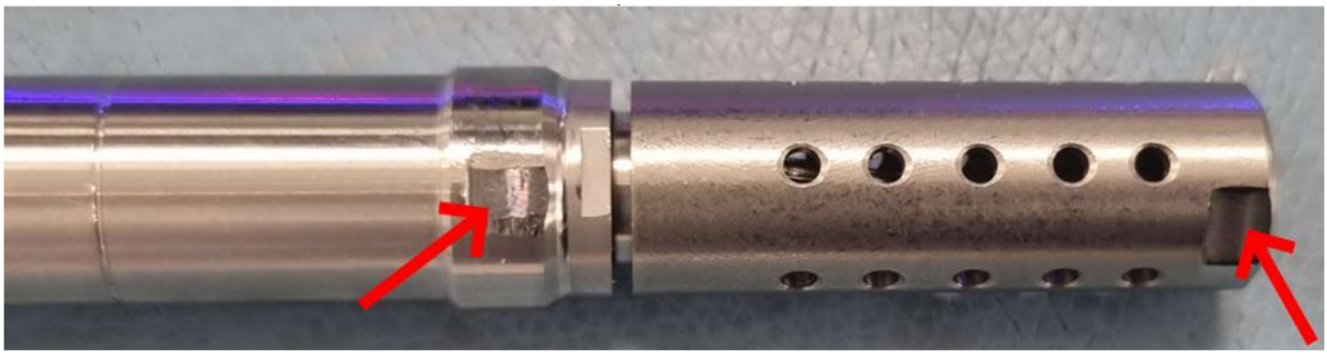

Figure 1. Correct locations for spanners to open and close the MMT330 probe filter.

Figure 2. To tighten the filter to recommended 5 Nm torque, please use suitable tool to ensure the torque is correct.

Please note there might be a small cap between the filter and the probe pipe, therefore the correct torque is essential to be ensured with suitable tools (visual check only cannot tell if the filter tightness is correct).