

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Tuesday, March 20, 2018 10:50 PM
To: Grant Robinson
Subject: RE: 761059 MGB A231-00621 SOAP Results

Importance: High

Grant

Following is the CSE response to my FTR requesting info on the silver in the SOAP results for MGB S/N A231-00621.

Case Number: C0090545
Customer: Thai Aviation Services Limited
Aircraft S/N: 761059
Aircraft Model: S-76D
Aircraft TT: 2,028
ATA: 63
Part Number: 76351-09600-046
Case Subject: MGB SOAP Analysis-Rise In Silver Content

Problem Description:

Reference attached SOAP analysis

TAS submitted an MGB oil sample for SOAP analysis from MGB S/N A231-00621 on A/C S/N 761059.

The SOAP report indicates a sudden rise in silver content.

The MGB oil had been changed to Mobil 1 289.0 hours previously.

TAS notes that per the previous response to Case C0088365, titanium and silver are significant markers for determining MGB serviceability.

A/C S/N 761059 A/C TT 2027.9

MGB
P/N 76351-09600-046
S/N A231-00621
Component TSN 2027.9

- 1) Is the rise in silver a cause for concern?
- 2) Is there a fixed upper limit for silver content?
- 3) What maintenance actions are recommended?

EoM

This email notification is provided as the case has been reviewed and does not contain technical data in the issue description.

Problem Resolution:

CSE has reviewed the complete oil analysis along with the Silver and Iron levels for the S76D Main Gearbox

S/A231-00621. Answers are in blue.

- 1) Is the rise in silver a cause for concern? **There is no concern with the rise of Silver found in the analysis. The PPM level is well below the questionable levels and same with the Iron Level.**
- 2) Is there a fixed upper limit for silver content? **Yes, there is a maximum, but it is technical data.**
- 3) What maintenance actions are recommended? **There are no maintenance actions required at this time. The customer may continue to monitor the PPM levels. They may contact CSE anytime if they have any concerns.**

From: Grant Robinson [mailto:Grant_r@tasl.co.th]
Sent: Tuesday, March 20, 2018 21:51
To: McConnell, DAVE P (TH) <dave.p.mcconnell@lmco.com>
Subject: EXTERNAL: Re: 761059 MGB A231-00621 SOAP Results

Thx

Regards,
Grant Robinson
Repair Station Manager
Thai Aviation Services (TAS)
Mobile: +66 (0)9 2224-5937

Sent from my iPhone

On 20 Mar 2018, at 17:09, McConnell, DAVE P <dave.p.mcconnell@lmco.com> wrote:

Grant

Will do. What's your level of urgency?

Dave

From: Grant Robinson [mailto:Grant_r@tasl.co.th]
Sent: Tuesday, March 20, 2018 16:24
To: McConnell, DAVE P (TH) <dave.p.mcconnell@lmco.com>
Subject: EXTERNAL: 761059 MGB A231-00621 SOAP Results

Hello Dave

Could you please forward the attached SOAP results to SCI Engineering for an opinion. The oil was changed to Mobil 1 289 hrs ago and the 300 hr SOAP sample indicates a rise in Silver. Case C0088365 attached reminds us that titanium and Silver are the 2 markers SCI is looking for. Is this cause for concern? What limit should we be looking for of Silver. Nothing in Chpt 63. Thx

Best Regards,

Grant Robinson
Repair Station Manager

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TAS web portal : <http://saas.tasl.co.th>

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