



AVERA MCKENNAN

SIOUX FALLS
SD, USA
57105For the attention of
Telephone

JEFF MUSILEK

Laboratory Report Reference

JC17B226

Laboratory Report Date

03-Feb-17

Receipt Date

03-Feb-17

Sample Date §

01-Feb-17

Equipment Information

Registration §

N911MK

Position §

2

Description §

ENGINE

Manufacturer §

TURBOMECA

Model §

ARRIEL-1E2

Serial Number §

47069

Customer Reference §

9218

Unique Code

AVERA01.0004

Oil Grade §

MOBIL JET II

Unit Life §

6200.6

Oil Life §

185.8

ADVANCED WARNING

Comment

Please note Iron result. Please note increase in Chromium. Correction ("K") factor = 1 Oil RULER Check exceeds recommended limits, contact Turbomeca. One or more of the results has been 'alerted' we recommend a check sample be sent.

Sample Number										1	**
Analysis Date										03-Feb-17	
Sample Date §										01-Feb-17	
Lab Reference										JC17B226	
Unit Life §										6200.6	
Oil Life §										185.8	
Oil Added §										1	
Ticket Number §										80-37644	
Physical Condition											
Viscosity at 40°C	(M002)	cSt								27.2	
TAN	(M007)	mg KOH/g								0.37	
RULER	(M039)	% RUL								27.30	*
Spectrographic Analysis											
Iron	(M019)	ppm								25.1	**
Aluminum	(M019)	ppm								0.4	
Chromium	(M019)	ppm								1.3	
Molybdenum	(M019)	ppm								0.1	
Copper	(M019)	ppm								<0.1	
Lead	(M019)	ppm								<0.1	
Tin	(M019)	ppm								0.2	
Nickel	(M019)	ppm								0.7	
Silver	(M019)	ppm								0.5	
Vanadium	(M019)	ppm								<0.1	
Titanium	(M019)	ppm								<0.1	
Silicon	(M019)	ppm								<1	
Sodium	(M019)	ppm								<1	
Phosphorus	(M019)	ppm								2582.5	
Magnesium	(M019)	ppm								0.2	
Tungsten	(M019)	ppm								<0.1	
Calcium	(M019)	ppm								<0.1	
Zinc	(M019)	ppm								0.1	

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Opinions and interpretations included in this report are outside the scope of UKAS/SAS accreditation.

The validity of this report may depend on the accuracy of the sample data supplied.

Caution, this is an extract from the complete test results.

Reports with the same laboratory reference may contain a different selection of tests.

All tests carried out in accordance with in house documented methods.

Results relate only to the item tested.

By authority of Pam Kaur, Laboratory Manager

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F240 / ISS 2 Analysis V.7.523 - Jet-47069-AVERA01-0004-EC145-111640.pdf

Key:

* early warning § supplied by customer
** advanced warning N/A not UKAS/SAS accredited

APPROVED BY:

LABORATORY TECHNICIAN

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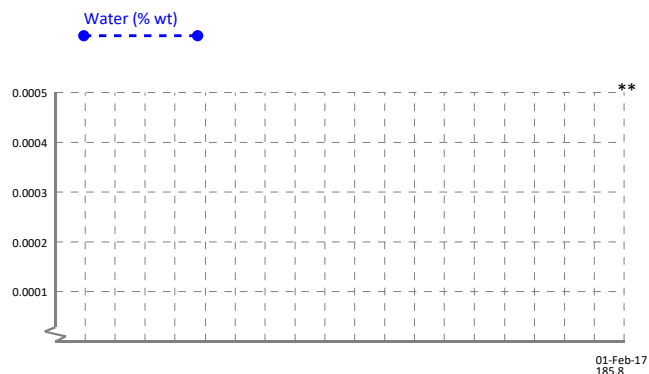
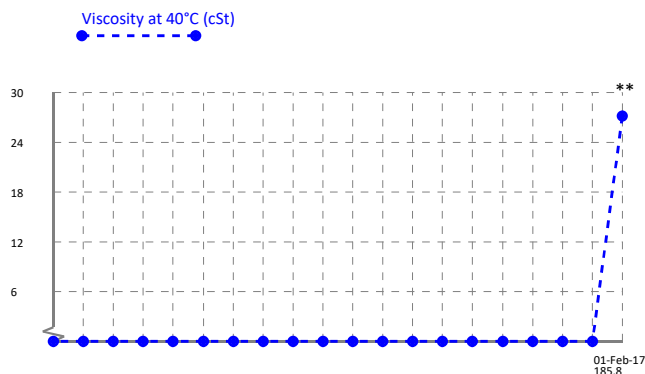
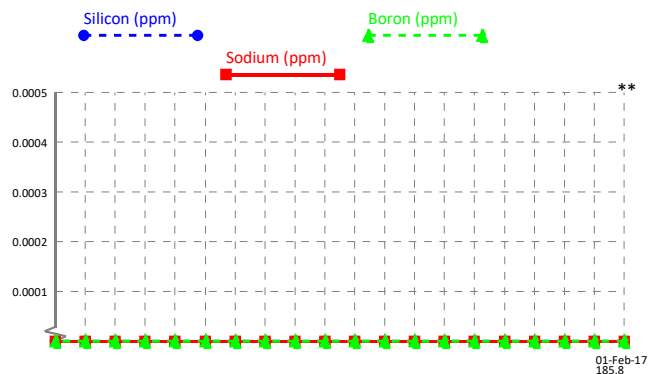
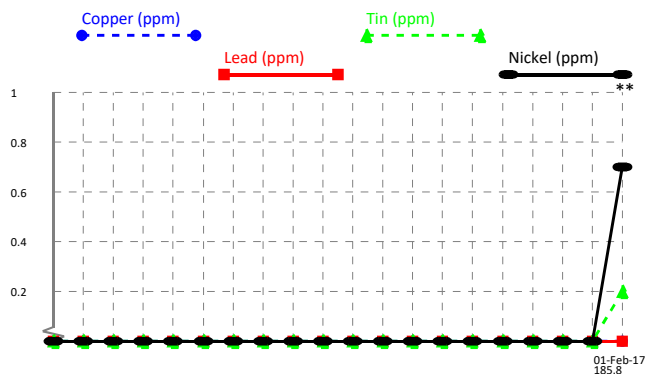
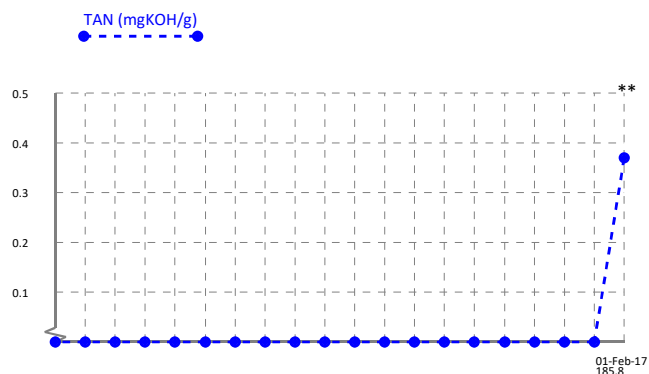
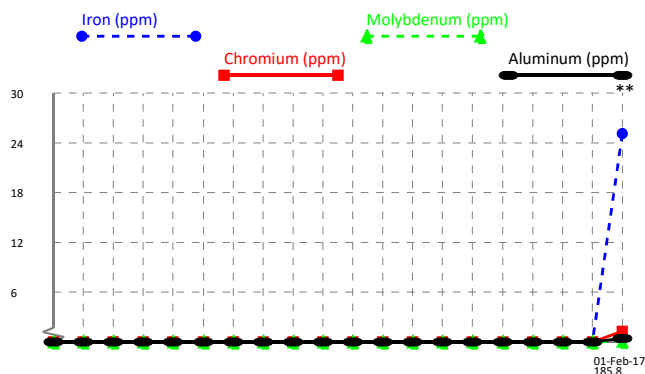
Sample Date §

01-Feb-17

Equipment Information

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Position §	2
Description §	ENGINE
Manufacturer §	TURBOMECA
Model §	ARRIEL-1E2
Serial Number §	47069
Customer Reference §	9218
Unique Code	AVERA01.0004
Oil Grade §	MOBIL JET II
Unit Life §	6200.6
Oil Life §	185.8

ADVANCED WARNING



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Key:

*	early warning	§	supplied by customer
**	advanced warning	N/A	not UKAS/SAS accredited

APPROVED BY:

LABORATORY TECHNICIAN

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