



Status:



NORMAL

on Jul 23 2015

Analysts, Inc. | ISO 17025 Accredited [REDACTED], Suwanee, GA, 30024
Phone: 8 [REDACTED]

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Puerto Rico Aircraft Suppliers
Accounts Payable
[REDACTED]
Carolina, PR, 00630

Unit ID: N584ZZ CAE900172

Unit Worksite: AEE

Comp. Ref. NO.: 6487426

Component Type: TURBINE ENGINE

Component: TURBINE ENGINE

Unit Manufacturer and Model: Mcdonnell Douglas UNKNOWN

Oil Type: MOBIL JET 254

Component Manufacturer and Model: Rolls-Royce 250C

Component Serial Number: CAE900172

Maintenance Recommendations for Lab No. 201508032284

Reported On: Aug 06 2015

From: Puerto Rico Aircraft Suppliers - Carolina, PR

ANALYSIS INDICATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

EVAL ID RMASTER																					Sample Drawn		
	LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium		Antimony	Vanadium
	2284	3	<1	<1	<1	1	1	<1	0.5	<1	4	1	<1	<1	1	3207	<1	<1	<1	1	<1	<1	07/23/15

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water %	Viscosity 100 °C	Fuel %	TAC
2284	957	573	0	N	S	<0.1	5.6	<1.0	0.25

Notice: This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance recommendations and accuracy are affected by customer-provided samples, equipment identification and maintenance history. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof. The ultimate responsibility for the maintenance of this piece of equipment and all of its components is the responsibility of the equipment owner.

N/R = Test not performed

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Status:



CRITICAL

on Aug 07 2015

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Phone: [REDACTED]

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Puerto Rico Aircraft Suppliers

Accounts Payable

[REDACTED]
Carolina, PR, 00630

Unit ID: N584ZZ CAE900172

Unit Worksite: AEE

Comp. Ref. NO.: 6487426

Component Type: TURBINE ENGINE

Component: TURBINE ENGINE

Unit Manufacturer and Model: Mcdonnell Douglas UNKNOWN

Oil Type: MOBIL JET 254

Component Manufacturer and Model: Rolls-Royce 250C

Component Serial Number: CAE900172

Maintenance Recommendations for Lab No. 201508070722

Reported On: Aug 12 2015

From: Puerto Rico Aircraft Suppliers - Carolina, PR

ANALYSIS INDICATES CRITICAL CONDITIONS! NOTED ELEMENTS are generally associated with: Bearing wear. Filter Testing shows presence of M-50 tool steel, strongly associated with main bearings. Accident noted per ticket. Recommend inspection of bearings. Report telephoned. Left a message and awaiting return call.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

EVAL ID GDAWSON																						Sample Drawn
LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	
0722	24*	6*	2	1	<1	1	<1	4.4*	1	5	6	8	4	6*	2858	3	4	1	5	<1	1	08/07/15
2284	3	<1	<1	<1	1	1	<1	0.5	<1	4	1	<1	<1	1	3207	<1	<1	<1	1	<1	<1	07/23/15

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	OIL Add	FLTR CHG	OIL CHG	Water %	Viscosity 100 °C	Fuel %	TAC	Filter Hours	Debris Weight	Carbon Steel	Alloy Steel	Stainless Steel	Tool Steel	Visual Copper
0722	4961	0	0	N	S	<0.1	5.6	<1.0	0.38	N/R	2830*	MAJOR*	NONE	MINOR*	MAJOR*	NONE
2284	957	573	0	N	S	<0.1	5.6	<1.0	0.25							

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N/R = Test not performed

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Phone: [REDACTED]

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Puerto Rico Aircraft Suppliers
Accounts Payable
[REDACTED]
Carolina, PR, 00630

Unit ID: N5842Z CAE900172

Unit Worksite: AEE

Comp. Ref. NO.: 6487426

Component Type: TURBINE ENGINE

Component: TURBINE ENGINE

Unit Manufacturer and Model: Mcdonnell Douglas UNKNOWN

Oil Type: MOBIL JET 254

Component Manufacturer and Model: Rolls-Royce 250C

Component Serial Number: CAE900172

Maintenance Recommendations for Lab No. 201508070722

Reported On: Aug 12 2015

From: Puerto Rico Aircraft Suppliers - Carolina, PR

SAMPLE INFORMATION						PHYSICAL TEST RESULTS		
LAB NO.	MI/HR Unit	MI/HR Oil	OIL Add	FLTR CHG	OIL CHG	Visual Aluminum	Visual Mag	Carbon Grit
0722	4961	0	0	N	S	TRACE*	NONE	MINOR
2284	957	573	0	N	S			

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