



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Machine Id
FA0325

Component
Chip Detector Jet Turbine

Fluid
{not provided} (--- GAL)

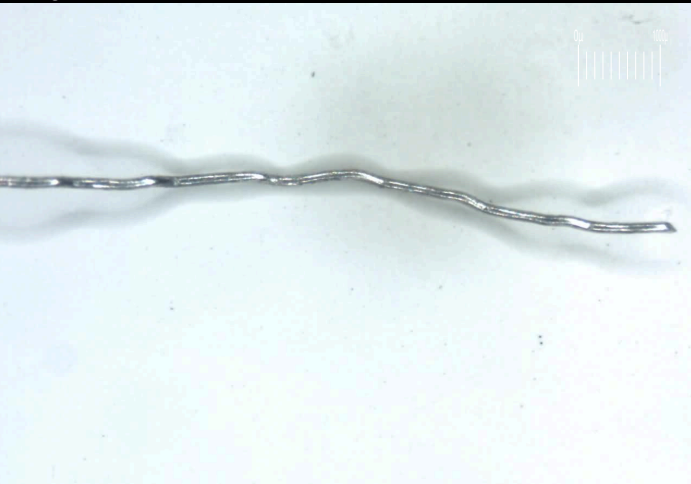
RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

One large particle from a chip detector was submitted for analysis. The particle is >10mm long x 0.13mm wide. Digestion and analysis by ICP Spectroscopy indicates the particle is aluminum. Suspect that the particle is from the outer wire material from the filter.

Magn: 10x Illum: RW



Magn: 10x Illum: RW



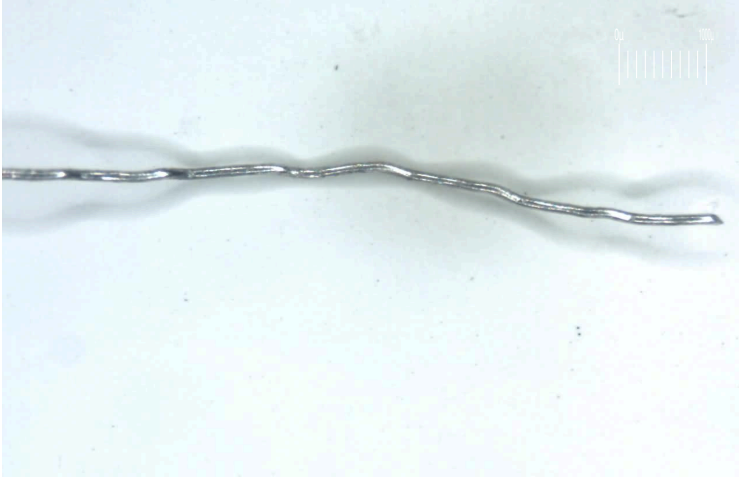
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PP	PP	---
Sample Date		Client Info		04 Mar 2024	21 Oct 2014	---
Machine Age	days	Client Info		31822	0	---
Oil Age	days	Client Info		0	0	---
Filter Age	days	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ATTENTION	NORMAL	---

Iron	ppm	ASTM D5185(m)	>8	4	32	---
Chromium	ppm	ASTM D5185(m)	>2	0	8	---
Nickel	ppm	ASTM D5185(m)	>2	0	4	---
Titanium	ppm	ASTM D5185(m)	>2	0	0	---
Silver	ppm	ASTM D5185(m)	>2	3	---	---
Aluminum	ppm	ASTM D5185(m)	>2	409	---	---
Lead	ppm	ASTM D5185(m)	>3	<1	---	---
Copper	ppm	ASTM D5185(m)	>3	0	---	---
Tin	ppm	ASTM D5185(m)	>2	6	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Ferrous Rubbing	Scale 0-10	ASTM D7684*				
Ferrous Sliding	Scale 0-10	ASTM D7684*			1	
Ferrous Cutting	Scale 0-10	ASTM D7684*				
Ferrous Rolling	Scale 0-10	ASTM D7684*				
Ferrous Break-in	Scale 0-10	ASTM D7684*				
Ferrous Spheres	Scale 0-10	ASTM D7684*				
Ferrous Black Oxides	Scale 0-10	ASTM D7684*				
Ferrous Red Oxides	Scale 0-10	ASTM D7684*				
Ferrous Corrosive	Scale 0-10	ASTM D7684*				
Ferrous Other	Scale 0-10	ASTM D7684*				
Nonferrous Rubbing	Scale 0-10	ASTM D7684*				
Nonferrous Sliding	Scale 0-10	ASTM D7684*				
Nonferrous Cutting	Scale 0-10	ASTM D7684*				
Nonferrous Rolling	Scale 0-10	ASTM D7684*				
Nonferrous Other	Scale 0-10	ASTM D7684*		1		
Patch Weight	mg	ASTM D7684*		n/a	---	---

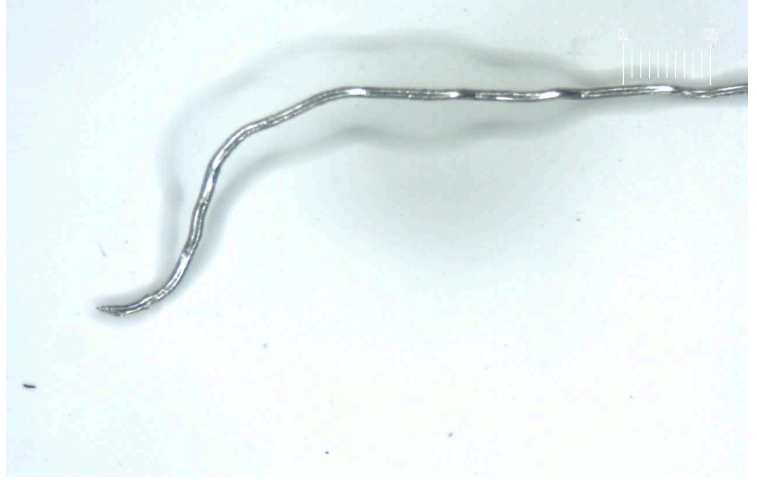
Silicon	ppm	ASTM D5185(m)	>8	25	2	---
Water		WC Method	>0.1	NEG	NEG	---
Sand/Dirt	Scale 0-10	ASTM D7684*				
Fibres	Scale 0-10	ASTM D7684*				
Spheres	Scale 0-10	ASTM D7684*				
Other	Scale 0-10	ASTM D7684*				

Boron	ppm	ASTM D5185(m)		11	---	---
Barium	ppm	ASTM D5185(m)		9	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		0	<1	---
Sulfur	ppm	ASTM D5185(m)		79	6	---

Magn: 10x Illum: RW



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ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : PP

Lab Number : 02620062

Unique Number : 5737172

Test Package : FLTRO (Additional Tests: ICP, ICP-DIGEST)

Received : 05 Mar 2024

Tested : 05 Mar 2024

Diagnosed : 05 Mar 2024 - Bill Quesnel

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To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Validity of results and interpretation are based on the sample and information as supplied.