



OIL ANALYSIS REPORT

WEAR PARTICLES
CONTAMINANTS

NORMAL

NORMAL

Machine Id
2 MICRON FILTER

Component
Filter

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Filter Debris analysis: Results suggest this filter has typical external contamination present. If this filter is plugging more rapidly than in the past, it is possible that fuel deliveries have been more contaminated than the past, there is a breather missing or there is an open port present, or possibly the tank settling area has become full and needs to be cleaned out. We suggest you investigate these options, as well as polishing any fuel coming out of this tank until the debris source can be found and eliminated.

WEAR PARTICLES

Magn: 10x Illum: RW



Magn: 60x Illum: RW

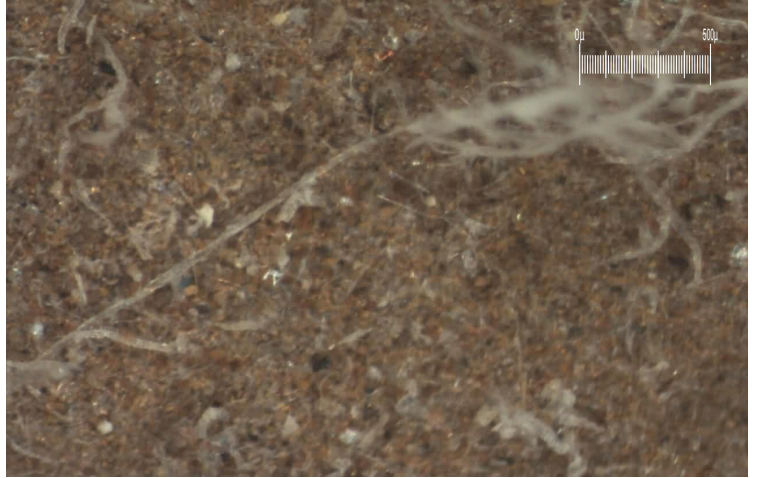


Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC05865386	---	---
Sample Date		Client Info		04 Jun 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---
<hr/>						
Ferrous Rubbing	Scale 0-10	*ASTM D7684				
Ferrous Sliding	Scale 0-10	*ASTM D7684				
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				
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Water		WC Method		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				

Magn: 10x Illum: RW



Magn: 60x Illum: RW



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC05865386

Lab Number : 05865386

Unique Number : 10499851

Test Package : FLTR

Received : 05 Jun 2023

Tested : 16 Jun 2023

Diagnosed : 16 Jun 2023 - Doug Bogart

GAINES OIL COMPANY

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)