

FILTER DEBRIS ANALYSIS

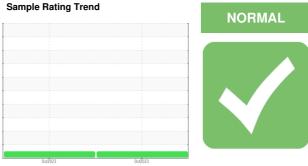
Filter [1331491]

Machine Id

5-3-230 - Recirc Filter

Component **Filter**

NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear Particles

The filter contained no appreciable wear particles. All filter wear levels are normal.

Contaminants

The filter contained only normal levels of contaminants, and debris. All filter contaminant levels are normal.

Sample Number				0ct2023	Oct2023		
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age	Sample Number		Client Info		wc	WC	
Oil Age	Sample Date		Client Info		17 Oct 2023	16 Oct 2023	
Oil Changed Client Info N/A	Machine Age	hrs	Client Info		0	0	
Sample Status	Oil Age	hrs	Client Info		0	0	
FILTER WEAR PARTICLES method limit/base current history1 history1	Oil Changed		Client Info		N/A	N/A	
Ferrous Rubbing	Sample Status				NORMAL	NORMAL	
Ferrous Sliding	FILTER WEAR PAR	RTICLES	method	limit/base	current	history1	history2
Ferrous Cutting	Ferrous Rubbing	Scale 0-10	ASTM D7684*		1	1	
Ferrous Rolling	Ferrous Sliding	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* FILTER CONTAMINANTS method limit/base current history 1 history 1 Samd/Dirt Scale 0-10 ASTM D7684* Spheres Scale 0-10 ASTM D7684* Other Scale 0-10 ASTM D7684* Other Scale 0-10 ASTM D7684* Other Scale 0-10 ASTM D7684* SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base current history 1 history 1 SAMPLE IMAGES method limit/base limit/base limit/base limit/base limit/base limit/base limit/base limit/ba	Ferrous Cutting	Scale 0-10	ASTM D7684*				
Ferrous Spheres	Ferrous Rolling	Scale 0-10	ASTM D7684*				
Ferrous Black Oxides	Ferrous Break-in	Scale 0-10	ASTM D7684*				
Ferrous Red Oxides Scale 0-10 ASTM D7684*	Ferrous Spheres	Scale 0-10	ASTM D7684*				
Ferrous Corrosive	Ferrous Black Oxides	Scale 0-10	ASTM D7684*				
Nonferrous Rubbing	Ferrous Red Oxides	Scale 0-10	ASTM D7684*				
Nonferrous Rubbing Scale 0-10 ASTM D7684*	Ferrous Corrosive	Scale 0-10	ASTM D7684*				
Nonferrous Sliding	Ferrous Other	Scale 0-10	ASTM D7684*				
Nonferrous Cutting Scale 0-10 ASTM D7684*	Nonferrous Rubbing	Scale 0-10	ASTM D7684*		1	1	
Nonferrous Rolling	Nonferrous Sliding	Scale 0-10	ASTM D7684*				
Nonferrous Other Scale 0-10 ASTM D7684*	Nonferrous Cutting	Scale 0-10	ASTM D7684*				
FILTER CONTAMINANTS method limit/base current history1 history 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* Patch Weight mg ASTM D7684* T4 129 SAMPLE IMAGES method limit/base current history1 history Color no image no image no image	Nonferrous Rolling	Scale 0-10	ASTM D7684*				
Sand/Dirt Scale 0-10 ASTM D7684* 2 3 Fibres Scale 0-10 ASTM D7684* 1 2 Spheres Scale 0-10 ASTM D7684* 1 2 Other Scale 0-10 ASTM D7684* 74 129 Patch Weight mg ASTM D7684* 74 129 SAMPLE IMAGES method limit/base current history no image no image no image no image	Nonferrous Other	Scale 0-10	ASTM D7684*				
Tibres	FILTER CONTAM	INANTS	method	limit/base	current	history1	history2
Spheres Scale 0-10 ASTM D7684* Other Scale 0-10 ASTM D7684* Patch Weight mg ASTM D7684* 74 129 SAMPLE IMAGES method limit/base current history1 history Color no image no image no image no image	Sand/Dirt	Scale 0-10	ASTM D7684*		2	3	
Other Scale 0-10 ASTM D7684* Patch Weight mg ASTM D7684* 74 129 SAMPLE IMAGES method limit/base current history1 history Color no image no image no image	Fibres	Scale 0-10	ASTM D7684*		1	2	
Patch Weight mg ASTM D7684* 74 129 SAMPLE IMAGES method limit/base current history1 history Color no image no image no image	Spheres	Scale 0-10	ASTM D7684*				
SAMPLE IMAGES method limit/base current history1 history Color no image no image no image	Other	Scale 0-10	ASTM D7684*				
Color no image no image no image	Patch Weight	mg	ASTM D7684*		74	129	
	SAMPLE IMAGES	5	method	limit/base	current	history1	history2
Bottom no image no image no image	Color				no image	no image	no image
	Bottom				no image	no image	no image



FILTER REPORT

Filter [1331491] Machine Id 5-3-230 - Recirc Filter

Component Filter

NOT GIVEN (--- GAL)





WEAR

The filter contained no appreciable wear particles. All filter wear levels are normal.