



FILTER DEBRIS ANALYSIS

Area

Filter

Machine Id

5-3-241 Flender High Pressure Pump

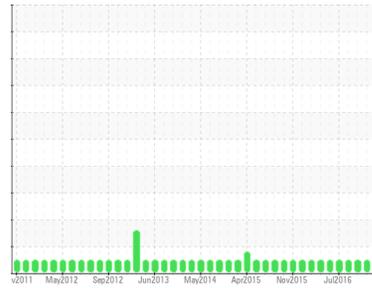
Component

Filter

Fluid

{not provided} (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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 INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PP	WC944775	WC975738
Sample Date	Client Info			14 Apr 2024	10 Apr 2018	02 Nov 2016
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method			NEG	NEG	NEG

FILTER WEAR PARTICLES		method	limit/base	current	history1	history2
Ferrous Rubbing	Scale 0-10	ASTM D7684*		1	2	2
Ferrous Sliding	Scale 0-10	ASTM D7684*				
Ferrous Cutting	Scale 0-10	ASTM D7684*				
Ferrous Rolling	Scale 0-10	ASTM D7684*			1	1
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*		1		
Nonferrous Sliding	Scale 0-10	ASTM D7684*				
Nonferrous Cutting	Scale 0-10	ASTM D7684*				
Nonferrous Rolling	Scale 0-10	ASTM D7684*		1		
Nonferrous Other	Scale 0-10	ASTM D7684*				

FILTER CONTAMINANTS		method	limit/base	current	history1	history2
Sand/Dirt	Scale 0-10	ASTM D7684*		2	2	1
Fibres	Scale 0-10	ASTM D7684*		1	1	
Spheres	Scale 0-10	ASTM D7684*				
Other	Scale 0-10	ASTM D7684*			2	2
Patch Weight	mg	ASTM D7684*		44	58	32

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

Area

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Component

Filter

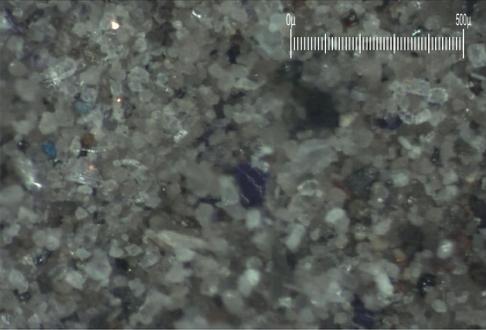
Fluid

{not provided} (--- GAL)

Magn: 10x Illum: RW



Magn: 60x Illum: RW



WEAR

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