



# FILTER DEBRIS ANALYSIS

## Sample Rating Trend



**NORMAL**



Area

**Filter**

Machine Id

**5-3-241 Flender Low Pressure Pump**

Component

**Filter**

Fluid

{not provided} (--- GAL)

### 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	<b>PP</b>	---	---
Sample Date	Client Info	<b>15 Apr 2024</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

### CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	<b>NEG</b>	---	---

### FILTER WEAR PARTICLES

method	limit/base	current	history1	history2
Ferrous Rubbing	Scale 0-10 ASTM D7684*	<b>1</b>		
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*	<b>1</b>		
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	history1	history2
Sand/Dirt	Scale 0-10 ASTM D7684*	<b>4</b>		
Fibres	Scale 0-10 ASTM D7684*	<b>1</b>		
Spheres	Scale 0-10 ASTM D7684*			
Other	Scale 0-10 ASTM D7684*			
Patch Weight	mg ASTM D7684*	<b>500</b>	---	---

### SAMPLE IMAGES

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

Area

## Filter

Machine Id

### 5-3-241 Flender Low Pressure Pump

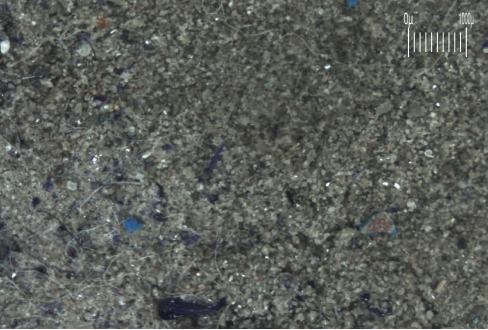
Component

#### Filter

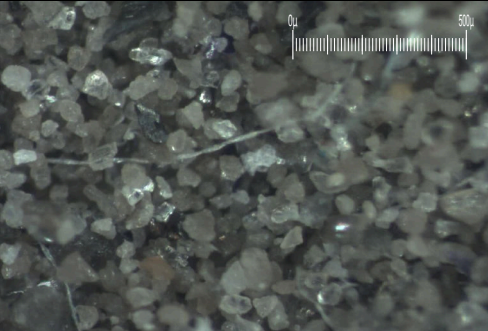
Fluid

{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.