

FILTER DEBRIS ANALYSIS

Bottom

Sample Rating Trend

WEAR PARTICLES

DEBRIS ANALYSIS

Filter Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Diagnostician's Note: There is no indication of what is plugging the filters. There does not appear to be an insoluble blocking the membrane, and there is some non-ferrous wear material but not significant quantities that would cause filterplugging.

Wear Particles

Wear particle analysis indicates that the nonferrous rolling particles are marginal. All other component wear rates are normal.

Contaminants

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC05684644		
Sample Date		Client Info		01 Nov 2022		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				MARGINAL		
FILTER WEAR PAR	RTICLES	method	limit/base	current	history1	history2
Ferrous Rubbing	Scale 0-10	*ASTM D7684		2		
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		<mark>▲</mark> 3		
Nonferrous Other	Scale 0-10	*ASTM D7684				
FILTER CONTAM	INANTS	method	limit/base	current	history1	history2
Sand/Dirt	Scale 0-10	ASTM D7684		2		
Fibres	Scale 0-10	*ASTM D7684		1		
Spheres	Scale 0-10	*ASTM D7684				
Other	Scale 0-10	*ASTM D7684		2		
Patch Weight	mg	*ASTM D7684		124		
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color				no image	no image	no image

no image

no image

no image



FILTER REPORT

Machine Id DEBRIS ANALYSIS Component

Filter Fluid {not provided} (--- GAL)



Magn: 60x Illum: RW



WEAR

Wear particle analysis indicates that the nonferrous rolling particles are marginal. All other component wear rates are normal.