PROBLEM SUMMARY

Sample Rating Trend

WEAR PARTICLES

Machine Id
PORSCHE WP1AB2ASXGLB46157
Component
Filter
Fluid
MOBIL 1 FS 0W40 (--- LTR)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

We understand that corrective action has already been taken. The filter change at the time of sampling has been noted. An inspection for the source(s) of wear may be warranted at this time.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	---	---
Nonferrous Sliding	Scale 0-10	ASTM D7684*	4		
Nonferrous Rolling	Scale 0-10	ASTM D7684*	5		

Customer Id: CAN22CAL
Sample No.: WC
Lab Number: 02621282
Test Package: FLTRO

To manage this report scan the QR code

To discuss the diagnosis or test data:
Bill Quesnel CLS,OMA II,MLA-III,LLA-I +1 (289)291-4641 x4641
Bill.Quesnel@wearcheck.com

To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	An inspection for the source(s) of wear may be warranted at this time.

HISTORICAL DIAGNOSIS

FILTER DEBRIS ANALYSIS

Sample Rating Trend

WEAR PARTICLES

Machine Id
PORSCHE WP1AB2ASXGLB46157
Component
Filter
Fluid
MOBIL 1 FS 0W40 (--- LTR)

DIAGNOSIS

Recommendation
We understand that corrective action has already been taken. The filter change at the time of sampling has been noted. An inspection for the source(s) of wear may be warranted at this time.

Wear Particles
Wear particle analysis indicates that the nonferrous rolling particles are severe. Wear particle analysis indicates that the nonferrous sliding particles are abnormal. Wet chemistry testing confirms the majority of wear particles are aluminum. Main bearing wear is indicated.

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		**WC**	---	---
Sample Date		Client Info		**28 Feb 2024**	---	---
Machine Age	kms	Client Info		**1835**	---	---
Oil Age	kms	Client Info		**1835**	---	---
Oil Changed		Client Info		**Changed**	---	---
Sample Status				**SEVERE**	---	---

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

FILTER WEAR PARTICLES		method	limit/base	current	history1	history2
Ferrous Rubbing	Scale 0-10	ASTM D7684*		**2**		
Ferrous Sliding	Scale 0-10	ASTM D7684*		**1**		
Ferrous Cutting	Scale 0-10	ASTM D7684*				
Ferrous Rolling	Scale 0-10	ASTM D7684*		**2**		
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*		**4**		
Nonferrous Sliding	Scale 0-10	ASTM D7684*		**4**		
Nonferrous Cutting	Scale 0-10	ASTM D7684*				
Nonferrous Rolling	Scale 0-10	ASTM D7684*		**5**		
Nonferrous Other	Scale 0-10	ASTM D7684*				

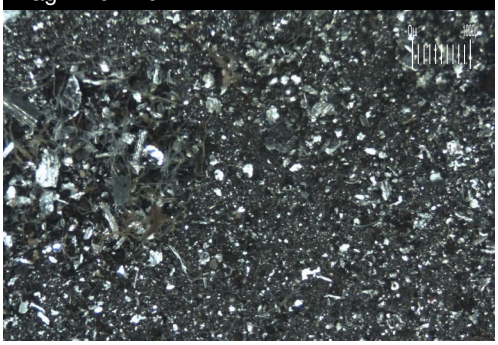
FILTER CONTAMINANTS		method	limit/base	current	history1	history2
Sand/Dirt	Scale 0-10	ASTM D7684*		**2**		
Fibres	Scale 0-10	ASTM D7684*		**1**		
Spheres	Scale 0-10	ASTM D7684*				
Other	Scale 0-10	ASTM D7684*				
Patch Weight	mg	ASTM D7684*		**110**	---	---

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

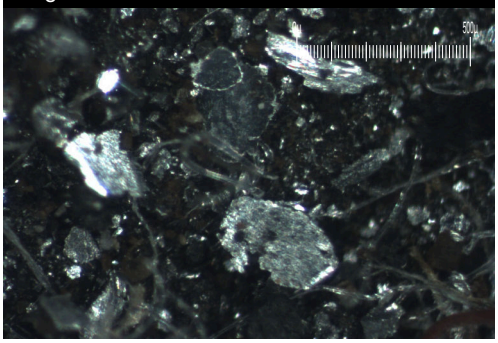
FILTER REPORT

Machine Id
PORSCHE WP1AB2ASXGLB46157
Component
Filter
Fluid
MOBIL 1 FS 0W40 (--- LTR)

Magn: 10x Illum: RW



Magn: 60x Illum: RW



WEAR

Wear particle analysis indicates that the nonferrous rolling particles are severe. Wear particle analysis indicates that the nonferrous sliding particles are abnormal. Wet chemistry testing confirms the majority of wear particles are aluminum. Main bearing wear is indicated.