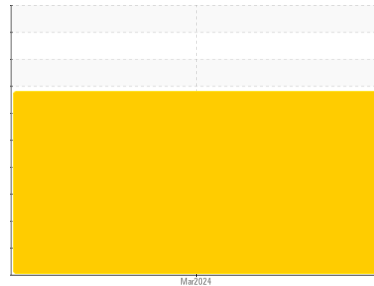


PROBLEM SUMMARY

Machine Id
3 STOVE FAN
 Component
Grease
 Fluid
PETRO CANADA PRECISION SYNTHETIC 220 (--- GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. Re-sample to verify the actual oil condition. Purge old grease if still abnormal and monitor the trend of iron level.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185m	>250	▲ 1261	---	---

Customer Id: YVEWAU
 Sample No.: PCA06126034
 Lab Number: 06126034
 Test Package: GRS 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

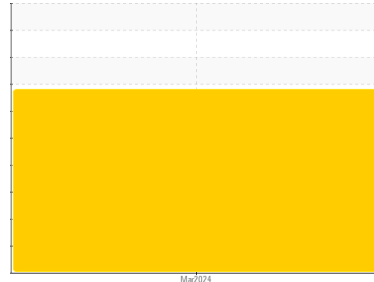
RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Monitor	---	---	?	Re-sample to verify the actual oil condition. Purge old grease if still abnormal and monitor the trend of iron level.
Change Fluid	---	---	?	Re-sample to verify the actual oil condition. Purge old grease if still abnormal and monitor the trend of iron level.
Resample	---	---	?	Re-sample to verify the actual oil condition. Purge old grease if still abnormal and monitor the trend of iron level.

HISTORICAL DIAGNOSIS

GREASE ANALYSIS

Sample Rating Trend



Machine Id
3 STOVE FAN

Component
Grease

Fluid
PETRO CANADA PRECISION SYNTHETIC 220 (--- GAL)

DIAGNOSIS

▲ Recommendation

We suspect abnormal contamination may be due to sampling method. Re-sample to verify the actual oil condition. Purge old grease if still abnormal and monitor the trend of iron level.

▲ Wear

The iron level is severe.

▲ Grease Condition

The grease oil-bleed is lower than normal.

▲ Contaminants

Moderate concentration of visible dirt/debris present in the grease.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA06126034	---	---
Sample Date	Client Info		21 Mar 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Grease Age	hrs	Client Info	0	---	---
Grease Serviced	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >250	▲ 1261	---	---
Chromium	ppm	ASTM D5185m >10	4	---	---
Nickel	ppm	ASTM D5185m >5	6	---	---
Cadmium	ppm	ASTM D5185m	0	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Lead	ppm	ASTM D5185m >25	0	---	---
Copper	ppm	ASTM D5185m >75	1	---	---
Tin	ppm	ASTM D5185m >5	0	---	---
Silver	ppm	ASTM D5185m >5	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	129	---	---
Magnesium	ppm	ASTM D5185m	10	---	---
Manganese	ppm	ASTM D5185m	7	---	---
Molybdenum	ppm	ASTM D5185m	1	---	---
Phosphorus	ppm	ASTM D5185m	299	---	---
Zinc	ppm	ASTM D5185m	100	---	---

THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	39	---	---
Barium	ppm	ASTM D5185m	<1	---	---
Calcium	ppm	ASTM D5185m	303	---	---
Sodium	ppm	ASTM D5185m	34	---	---
Lithium	ppm	ASTM D5185m	1532	---	---
Sulfur	ppm	ASTM D5185m	3578	---	---

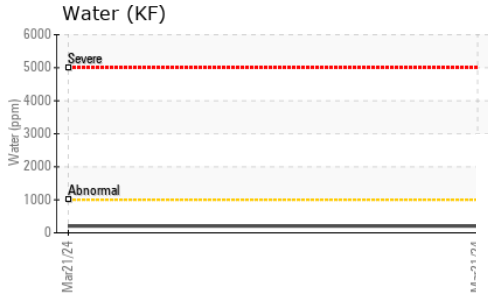
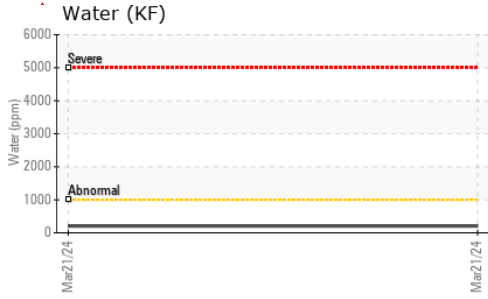
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >150	632	---	---
Potassium	ppm	ASTM D5185m	149	---	---
Water	%	ASTM D6304 >0.1	0.020	---	---
ppm Water	ppm	ASTM D6304 >1000	205	---	---

GREASE CONDITION

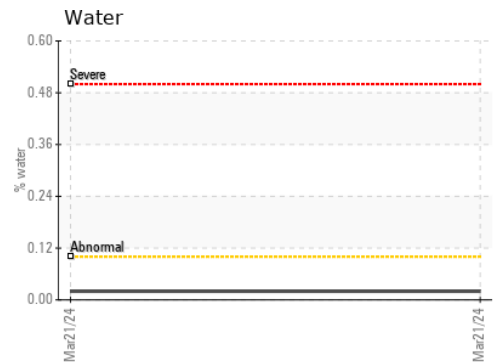
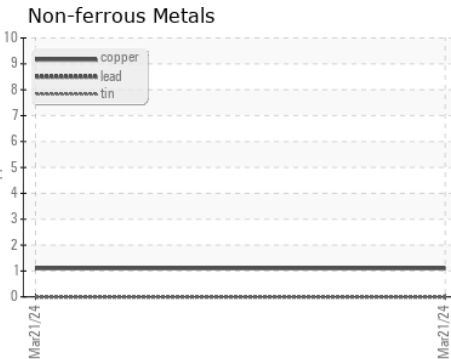
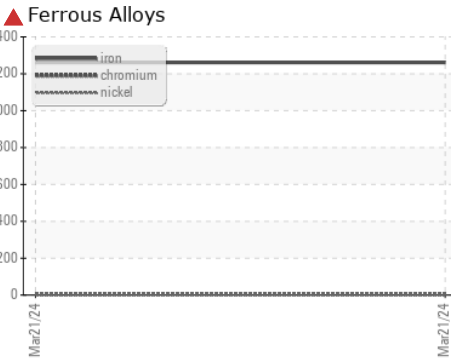
	method	limit/base	current	history1	history2
Grease Color	*Visual		Brown	---	---
Texture	*In-house		Buttery	---	---
NLGI Consistency	NLGI Scale *SKF Method		2-3	---	---

GREASE ANALYSIS



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA06126034 **Received** : 21 Mar 2024
Lab Number : **06126034** **Tested** : 05 Apr 2024
Unique Number : 10940185 **Diagnosed** : 05 Apr 2024 - Doug Bogart
Test Package : GRS 2 (Additional Tests: SCREEN)

YVETTE TRZCINSKI
 850 WESTBROOKE PKWY
 WAUKESHA, WI
 US 53186
 Contact: YVETTE TRZCINSKI
 yvette.trzcinski@hfsinclair.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: