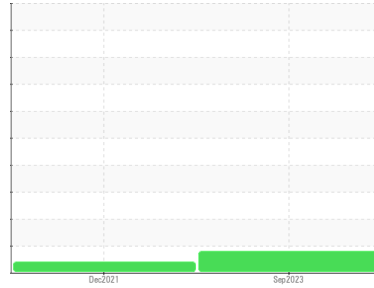




PROBLEM SUMMARY

Sample Rating Trend



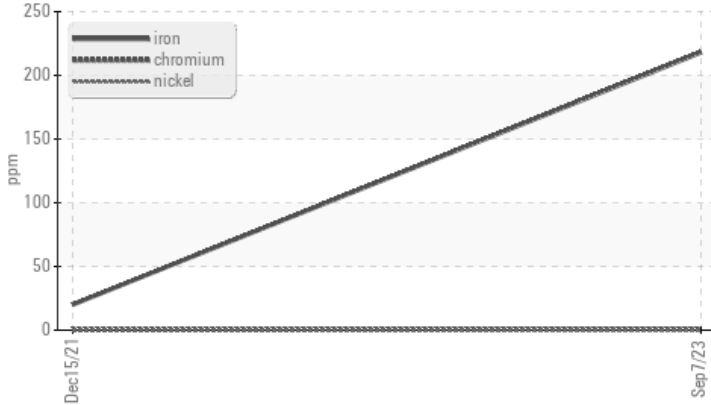
WEAR



Machine Id
GARDNER DENVER MW-DC (S/N S405049)
 Component
Blower
 Fluid
PETRO CANADA SYNDURO SHB ISO 220 (1 GAL)

COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	MARGINAL	---
Iron	ppm	ASTM D5185m	>20	▲ 218	20	---

Customer Id: CERSOC
Sample No.: PCA0098148
Lab Number: 05950335
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

15 Dec 2021 Diag: Jonathan Hester

VISCOSITY



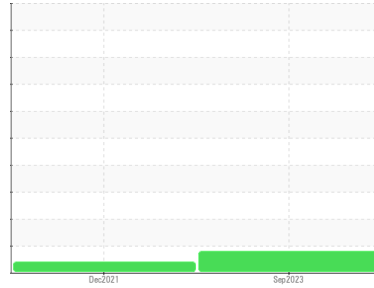
No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The AN level is acceptable for this fluid.

view report



OIL ANALYSIS REPORT

Sample Rating Trend


WEAR


Machine Id
GARDNER DENVER MW-DC (S/N S405049)
 Component
Blower
 Fluid
PETRO CANADA SYNDURO SHB ISO 220 (1 GAL)

DIAGNOSIS
Recommendation

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The iron level is abnormal. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PCA0098148	PCA0065575	---
Sample Date	Client Info			07 Sep 2023	15 Dec 2021	---
Machine Age	yrs	Client Info		2	8	---
Oil Age	yrs	Client Info		2	1	---
Oil Changed	Client Info			Changed	Changed	---
Sample Status				ABNORMAL	MARGINAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	▲ 218	20	---
Chromium	ppm	ASTM D5185m	>20	<1	<1	---
Nickel	ppm	ASTM D5185m	>20	0	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>20	6	3	---
Lead	ppm	ASTM D5185m	>20	0	<1	---
Copper	ppm	ASTM D5185m	>20	<1	<1	---
Tin	ppm	ASTM D5185m	>20	0	0	---
Antimony	ppm	ASTM D5185m		---	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

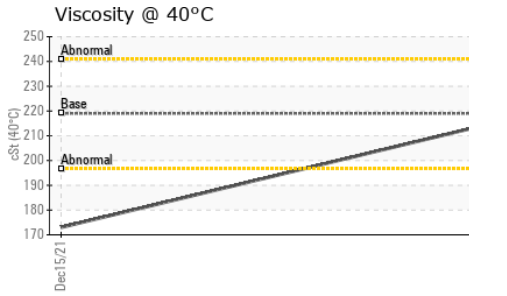
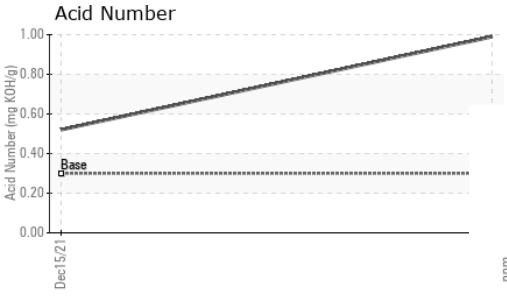
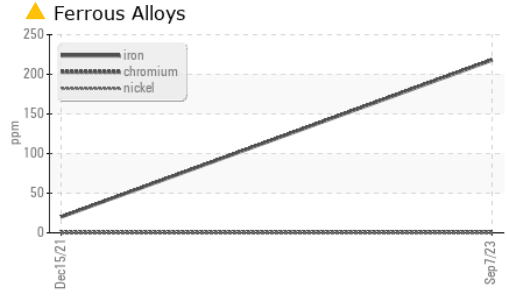
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		7	7	---
Barium	ppm	ASTM D5185m	5.0	0	0	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		2	<1	---
Magnesium	ppm	ASTM D5185m	5.0	2	3	---
Calcium	ppm	ASTM D5185m	5.0	0	20	---
Phosphorus	ppm	ASTM D5185m	100	309	347	---
Zinc	ppm	ASTM D5185m	5.0	0	173	---
Sulfur	ppm	ASTM D5185m	1900	4992	6873	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	1	---
Sodium	ppm	ASTM D5185m		<1	<1	---
Potassium	ppm	ASTM D5185m	>20	2	<1	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.3	0.99	0.52	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual		NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---



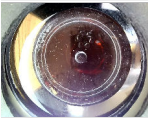

OIL ANALYSIS REPORT



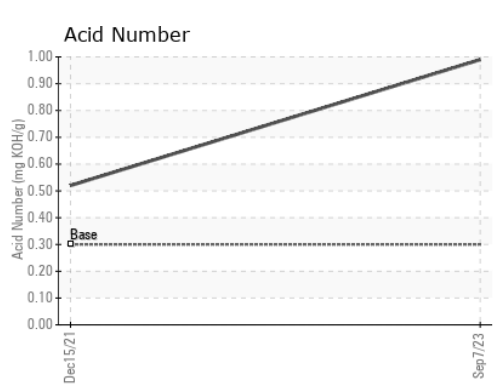
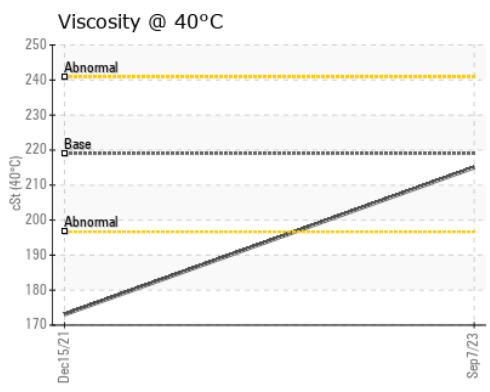
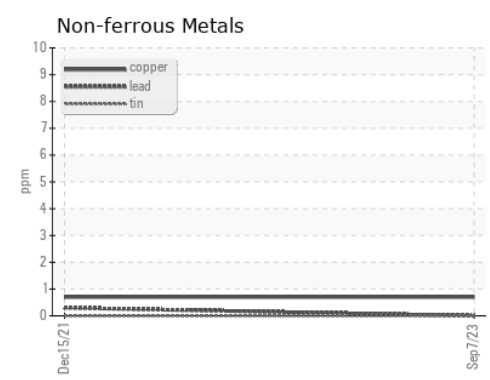
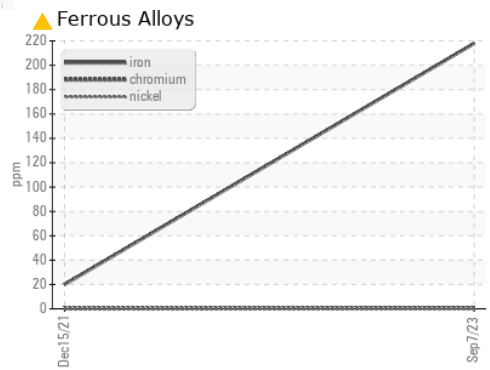
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	219	215	▲ 173

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0098148 **Received** : 13 Sep 2023
Lab Number : 05950335 **Diagnosed** : 18 Sep 2023
Unique Number : 10646294 **Diagnostician** : Don Baldrige
Test Package : IND 2

CERTAINTED CORP
 200 RANTHOR DR
 SOCIAL CIRCLE, GA
 US 30025
 Contact: MARK KIRKPATRICK
 MARK.W.KIRKPATRICK@SAINT-GOBAIN.COM
 T:
 F: (770)464-0878

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)