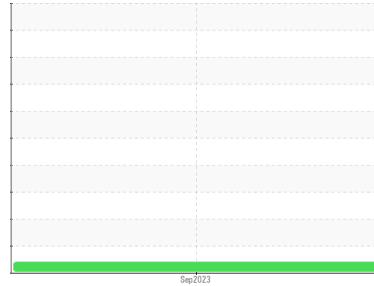


PROBLEM SUMMARY

Area
TPO - Bottom Extrusion Calender Roll [T3214]
 Machine Id
CALENDER 1 ROLL 3 T3214 (S/N G129618)
 Component
Gearbox
 Fluid
PETRO CANADA PURITY FG PAG GEAR OIL 220 (15 LTR)

Sample Rating Trend



VIS DEBRIS



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

Resample at the next service interval to monitor.
 Please note that this is a corrected copy for diagnostic comment updates concerning foreign material in the oil. (Customer Sample Comment: Please check for grease found during the sample been taken)

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: IKOHAG
Sample No.: PCA0106215
Lab Number: 05952192
Test Package: PLANT



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

There are no recommended actions for this sample.

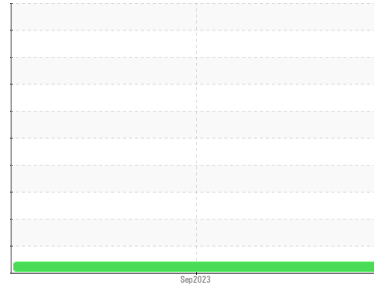
HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Area
TPO - Bottom Extrusion Calender Roll [T3214]
 Machine Id
CALENDER 1 ROLL 3 T3214 (S/N G129618)
 Component
Gearbox
 Fluid
PETRO CANADA PURITY FG PAG GEAR OIL 220 (15 LTR)



DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor. Please note that this is a corrected copy for diagnostic comment updates concerning foreign material in the oil. (Customer Sample Comment: Please check for grease found during the sample been taken)

Wear
 All component wear rates are normal.

Contamination
 Moderate concentration of visible debris present in the oil as grease(?) stuck to the side of the bottle. No other contaminants were detected in the oil.

Fluid Condition
 Additive levels indicate the mixing of the grease into the oil. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0106215	---	---
Sample Date	Client Info	12 Sep 2023	---	---
Machine Age	hrs Client Info	3	---	---
Oil Age	hrs Client Info	3	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	45	---	---
Iron	ppm ASTM D5185m >200	2	---	---
Chromium	ppm ASTM D5185m >15	<1	---	---
Nickel	ppm ASTM D5185m >15	<1	---	---
Titanium	ppm ASTM D5185m	0	---	---
Silver	ppm ASTM D5185m	1	---	---
Aluminum	ppm ASTM D5185m >25	0	---	---
Lead	ppm ASTM D5185m >100	<1	---	---
Copper	ppm ASTM D5185m >200	0	---	---
Tin	ppm ASTM D5185m >25	<1	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	5	---	---
Barium	ppm ASTM D5185m	0	---	---
Molybdenum	ppm ASTM D5185m	0	---	---
Manganese	ppm ASTM D5185m	<1	---	---
Magnesium	ppm ASTM D5185m	1	---	---
Calcium	ppm ASTM D5185m	0	---	---
Phosphorus	ppm ASTM D5185m	513	---	---
Zinc	ppm ASTM D5185m	0	---	---
Sulfur	ppm ASTM D5185m	28	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	5	---	---
Sodium	ppm ASTM D5185m	0	---	---
Potassium	ppm ASTM D5185m >20	4	---	---

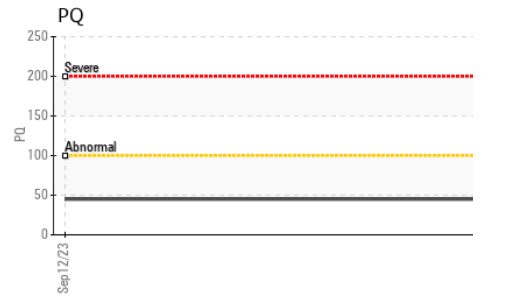
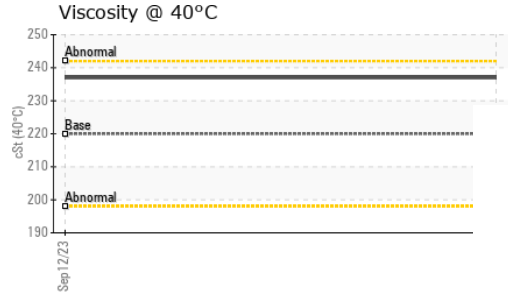
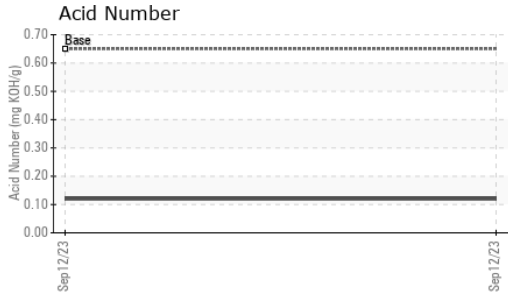
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045 0.65	0.12	---	---

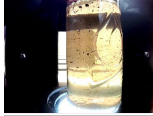

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	---	---
Yellow Metal	scalar *Visual NONE	NONE	---	---
Precipitate	scalar *Visual NONE	NONE	---	---
Silt	scalar *Visual NONE	NONE	---	---
Debris	scalar *Visual NONE	▲ MODER	---	---
Sand/Dirt	scalar *Visual NONE	NONE	---	---
Appearance	scalar *Visual NORML	NORML	---	---
Odor	scalar *Visual NORML	NORML	---	---
Emulsified Water	scalar *Visual >0.2	NEG	---	---
Free Water	scalar *Visual	NEG	---	---

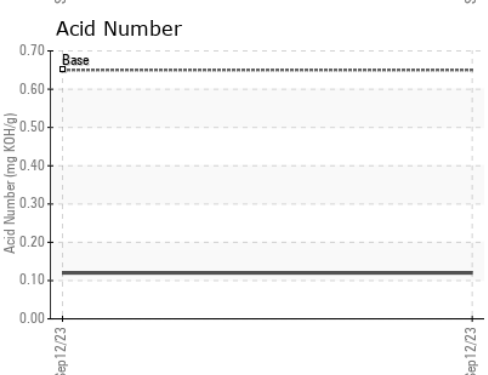
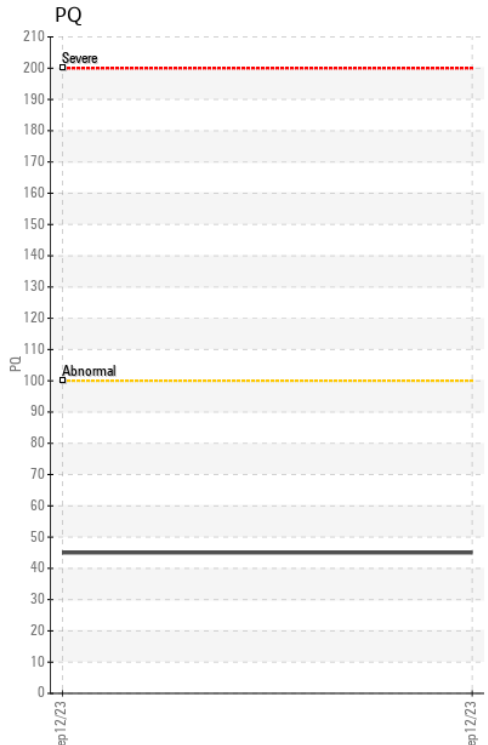
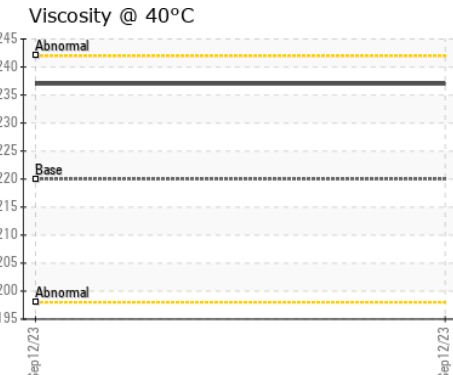
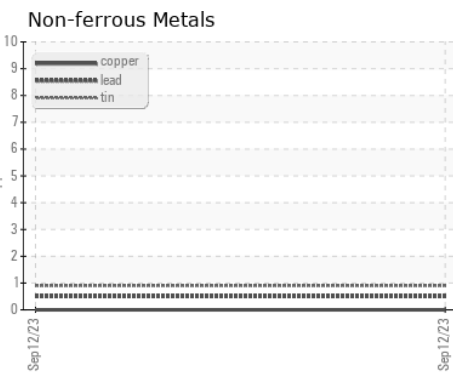
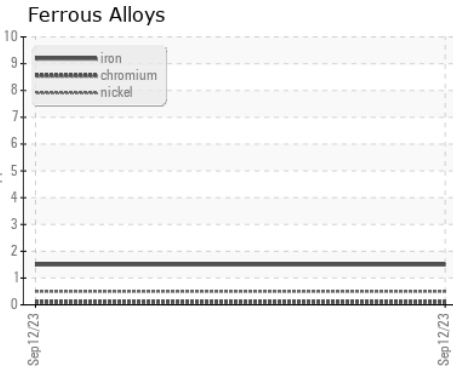
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 220	237	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0106215 **Received** : 14 Sep 2023
Lab Number : 05952192 **Diagnosed** : 20 Sep 2023
Unique Number : 10648151 **Diagnostician** : Doug Bogart
Test Package : PLANT

IKO HAGERSTOWN
 160 IKO WAY
 HAGERSTOWN, MD
 US 21740

Contact: LUIS FERNANDEZ
 luis.fernandez@iko.com

T: (240)267-4100

F:

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)