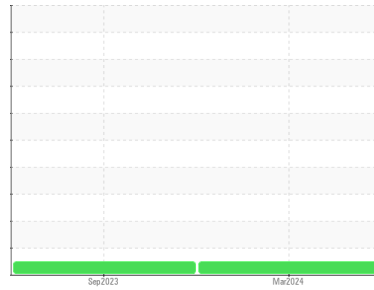


OIL ANALYSIS REPORT

Area
ISO - Laminator Heat Tunnel
 Machine Id
DOUBLE BELT CONVEYOR DRIVE B3420
 Component
Top Gearbox
 Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 320 (50 LTR)

Sample Rating Trend



DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All 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 suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0107757	PCA0106231	---
Sample Date	Client Info		28 Mar 2024	12 Sep 2023	---
Machine Age	yrs	Client Info	0	3	---
Oil Age	yrs	Client Info	0	3	---
Oil Changed	Client Info		N/A	Not Changd	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		16	---	---
Iron	ppm	ASTM D5185m >200	139	148	---
Chromium	ppm	ASTM D5185m >15	0	0	---
Nickel	ppm	ASTM D5185m >15	0	0	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	5	<1	---
Lead	ppm	ASTM D5185m >100	0	0	---
Copper	ppm	ASTM D5185m >200	0	0	---
Tin	ppm	ASTM D5185m >25	0	0	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 33	20	8	---
Barium	ppm	ASTM D5185m 5	3	0	---
Molybdenum	ppm	ASTM D5185m	531	564	---
Manganese	ppm	ASTM D5185m	<1	<1	---
Magnesium	ppm	ASTM D5185m 5	0	0	---
Calcium	ppm	ASTM D5185m 5	78	52	---
Phosphorus	ppm	ASTM D5185m 437	754	786	---
Zinc	ppm	ASTM D5185m 5	316	338	---
Sulfur	ppm	ASTM D5185m 5000	5152	5538	---

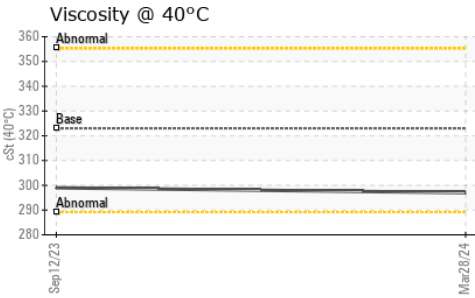
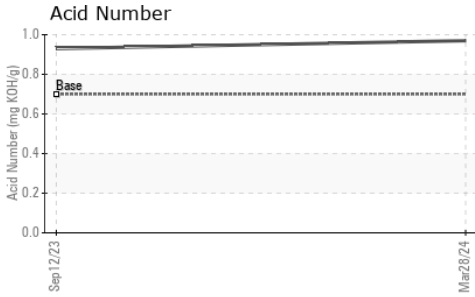
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	5	5	---
Sodium	ppm	ASTM D5185m	4	5	---
Potassium	ppm	ASTM D5185m >20	0	2	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.7	0.97	0.93	---

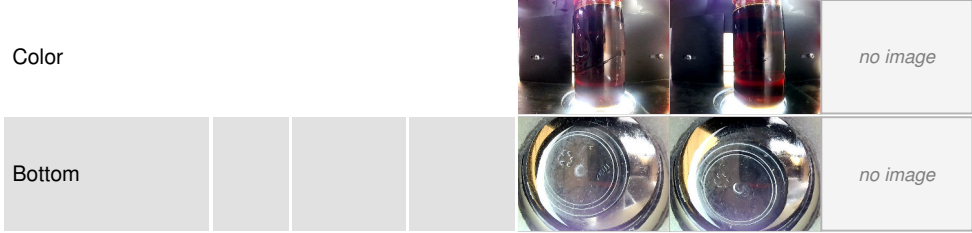
OIL ANALYSIS REPORT



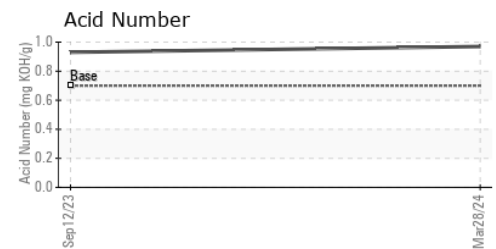
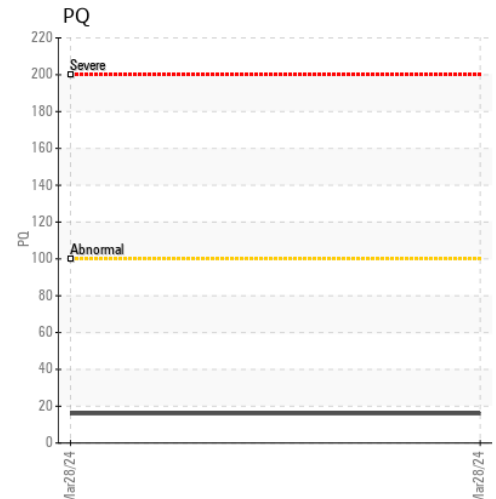
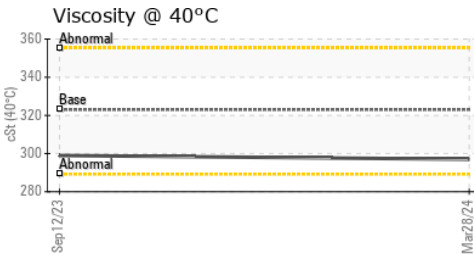
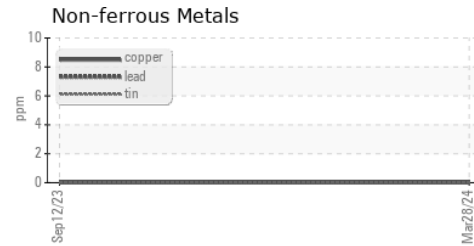
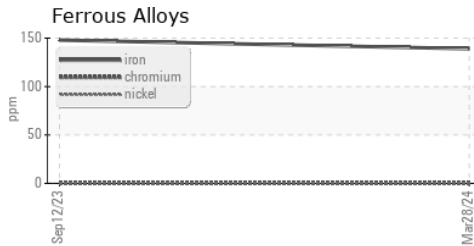
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	323	297	299	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0107757 **Received** : 02 Apr 2024
Lab Number : **06136525** **Tested** : 03 Apr 2024
Unique Number : 10955990 **Diagnosed** : 04 Apr 2024 - Don Baldrige
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)