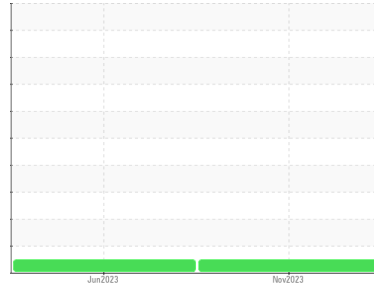


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
EISENBEISS RM 2 EXT (S/N EA103744/30)

Component
Gear Extruder

Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 460 (320 LTR)

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		PCA0098138	PCA0098149	---
Sample Date	Client Info		06 Nov 2023	30 Jun 2023	---
Machine Age	yrs	Client Info	12	11	---
Oil Age	yrs	Client Info	1	3	---
Oil Changed	Client Info		Not Changed	N/A	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >150	46	42	---
Chromium	ppm	ASTM D5185m >10	<1	0	---
Nickel	ppm	ASTM D5185m >10	<1	<1	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	<1	1	---
Aluminum	ppm	ASTM D5185m >25	2	0	---
Lead	ppm	ASTM D5185m >100	<1	<1	---
Copper	ppm	ASTM D5185m >50	<1	<1	---
Tin	ppm	ASTM D5185m >10	0	<1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	<1	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 330	79	67	---
Barium	ppm	ASTM D5185m 5	7	0	---
Molybdenum	ppm	ASTM D5185m	<1	0	---
Manganese	ppm	ASTM D5185m	0	<1	---
Magnesium	ppm	ASTM D5185m 5	2	<1	---
Calcium	ppm	ASTM D5185m 5	7	5	---
Phosphorus	ppm	ASTM D5185m 437	449	435	---
Zinc	ppm	ASTM D5185m 5	11	16	---
Sulfur	ppm	ASTM D5185m 5000	6282	6292	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	2	1	---
Sodium	ppm	ASTM D5185m	0	0	---
Potassium	ppm	ASTM D5185m >20	3	3	---

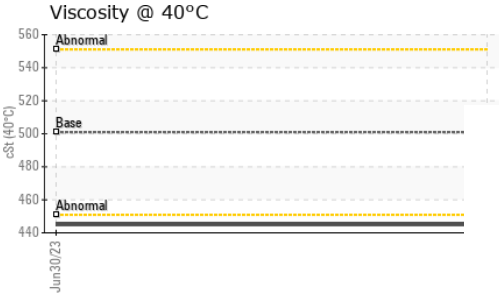
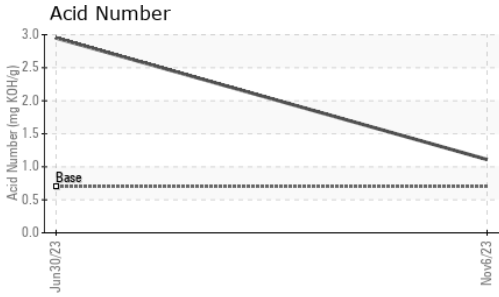
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.7	1.11	2.95	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	NONE	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

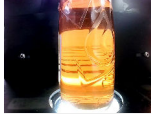



OIL ANALYSIS REPORT



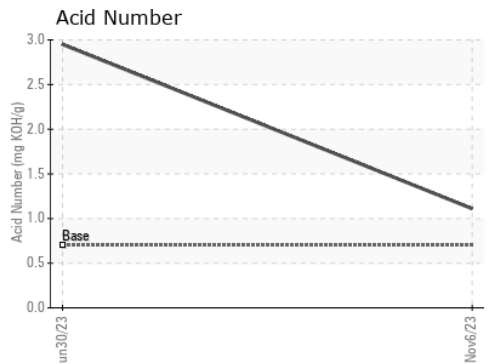
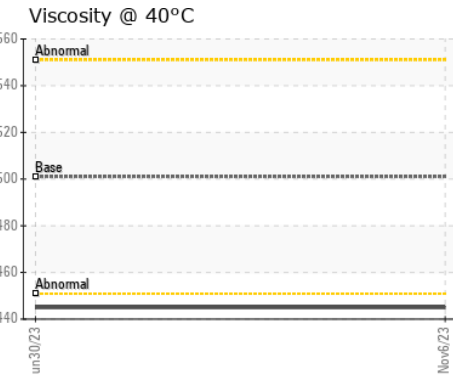
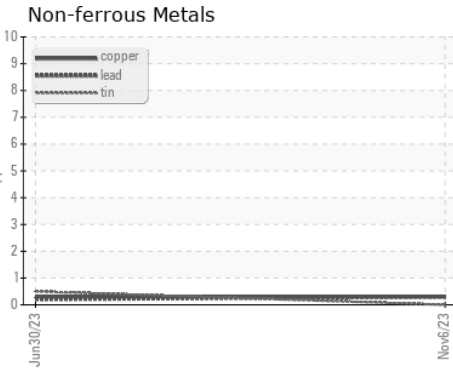
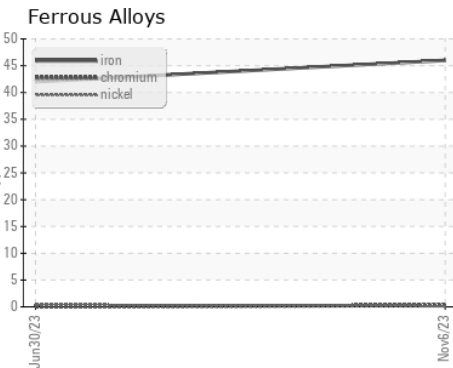
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 501	445	445	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0098138 **Received** : 13 Nov 2023
Lab Number : 06005825 **Diagnosed** : 15 Nov 2023
Unique Number : 10739587 **Diagnostician** : Jonathan Hester
Test Package : IND 2

CERTAINTED CORP
 200 RONTHOR 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)