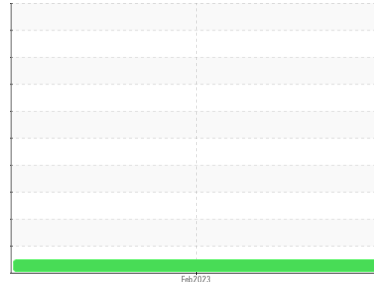


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
MILACRON L3 MAIN (S/N 4252A01/90-4)
 Component
Distribution Gear
 Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 460 (--- 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		PCA0092246	---	---
Sample Date	Client Info		13 Feb 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	400	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>200	9	---	---
Iron	ppm	ASTM D5185m	>150	8	---
Chromium	ppm	ASTM D5185m	>10	0	---
Nickel	ppm	ASTM D5185m	>10	0	---
Titanium	ppm	ASTM D5185m		0	---
Silver	ppm	ASTM D5185m		0	---
Aluminum	ppm	ASTM D5185m	>25	0	---
Lead	ppm	ASTM D5185m	>100	0	---
Copper	ppm	ASTM D5185m	>50	<1	---
Tin	ppm	ASTM D5185m	>10	0	---
Vanadium	ppm	ASTM D5185m		0	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	330	24	---
Barium	ppm	ASTM D5185m	5	0	---
Molybdenum	ppm	ASTM D5185m		0	---
Manganese	ppm	ASTM D5185m		0	---
Magnesium	ppm	ASTM D5185m	5	<1	---
Calcium	ppm	ASTM D5185m	5	0	---
Phosphorus	ppm	ASTM D5185m	437	379	---
Zinc	ppm	ASTM D5185m	5	0	---
Sulfur	ppm	ASTM D5185m	5000	4832	---

CONTAMINANTS

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

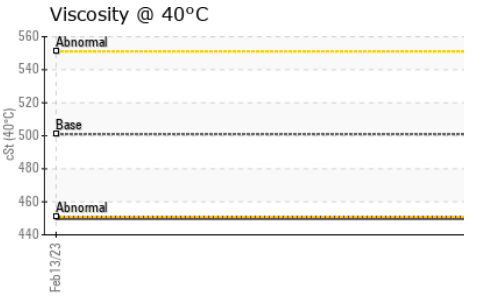
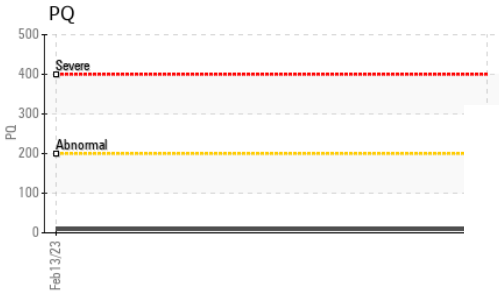
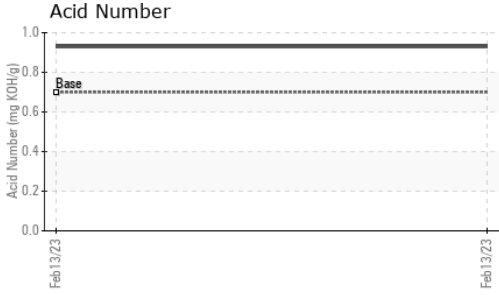
FLUID DEGRADATION

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

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	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

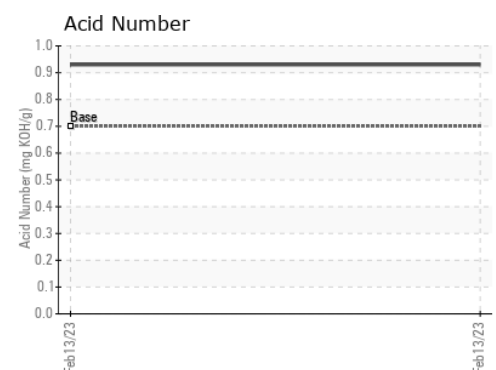
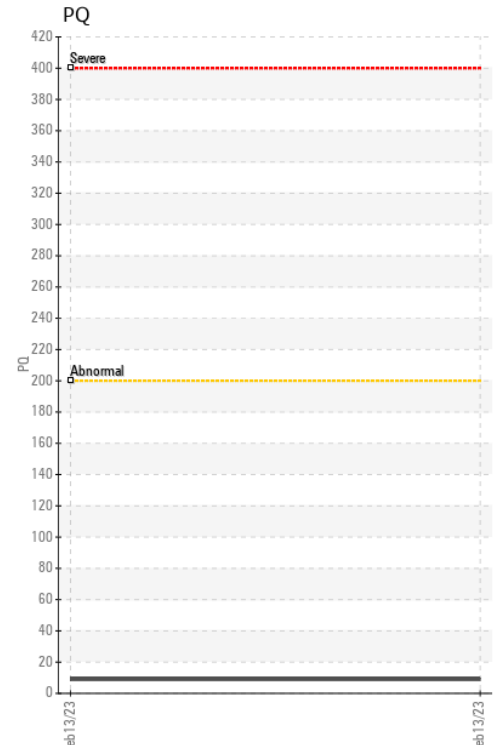
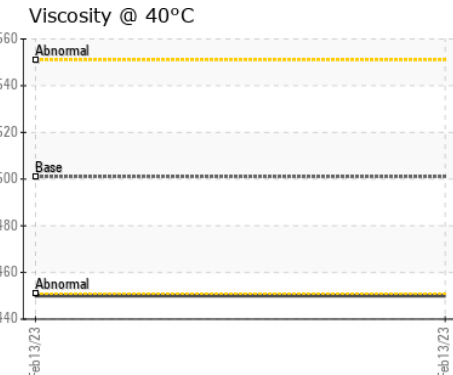
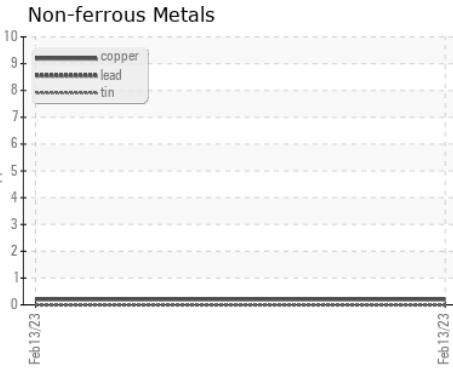
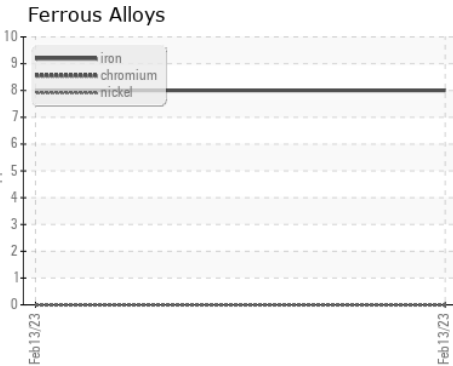
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 501	450	---	---

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. : PCA0092246 **Received** : 16 Feb 2023
Lab Number : 05770326 **Diagnosed** : 19 Feb 2023
Unique Number : 10344943 **Diagnostician** : Don Baldrige
Test Package : PLANT

CERTAINTED CORP
 231 SHIP CANAL PKWY
 BUFFALO, NY
 US 14218
 Contact: MIKE SLOMBA
 MIKE.F.SOLMBA@SAINT-GOBAIN.COM
 T:
 F: (716)823-2843

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)