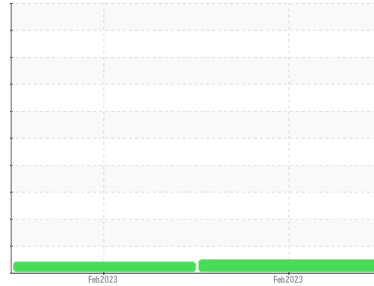


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
MILACRON L4 MAIN (S/N 4254A01/93-17)

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			PCA0092253	PCA0082588	---
Sample Date	Client Info			13 Feb 2023	01 Feb 2023	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		100	117	---
Oil Changed	Client Info			Not Changed	N/A	---
Sample Status				NORMAL	ATTENTION	---

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	14	10	---
Iron	ppm	ASTM D5185m	>150	3	2	---
Chromium	ppm	ASTM D5185m	>10	0	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	0	2	---
Lead	ppm	ASTM D5185m	>100	0	0	---
Copper	ppm	ASTM D5185m	>50	0	<1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

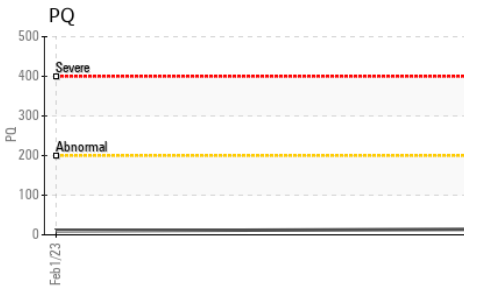
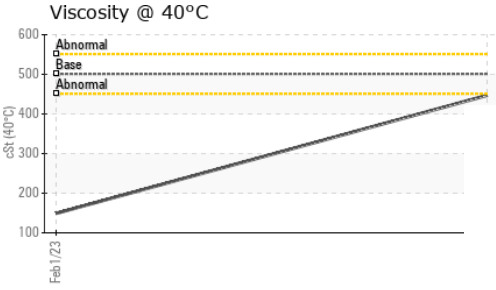
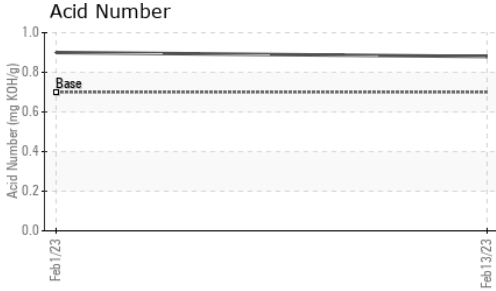
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	330	28	37	---
Barium	ppm	ASTM D5185m	5	0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m	5	<1	<1	---
Calcium	ppm	ASTM D5185m	5	0	<1	---
Phosphorus	ppm	ASTM D5185m	437	382	444	---
Zinc	ppm	ASTM D5185m	5	0	0	---
Sulfur	ppm	ASTM D5185m	5000	4514	6490	---

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

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.7	0.88	0.90	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	VLITE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	LIGHT	---
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	---

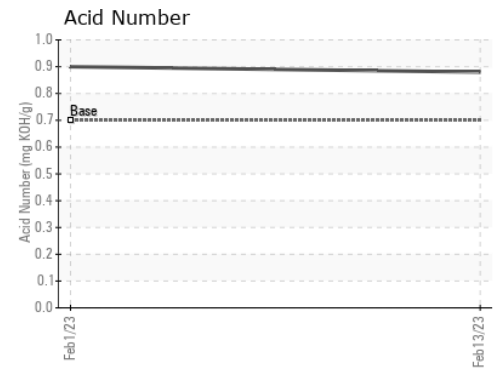
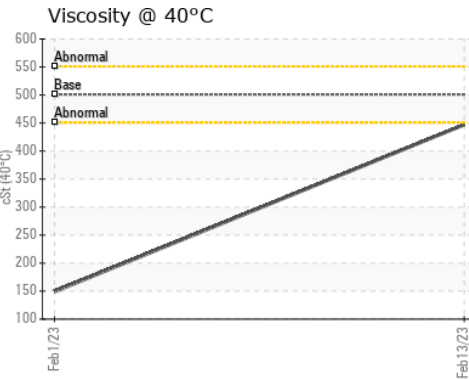
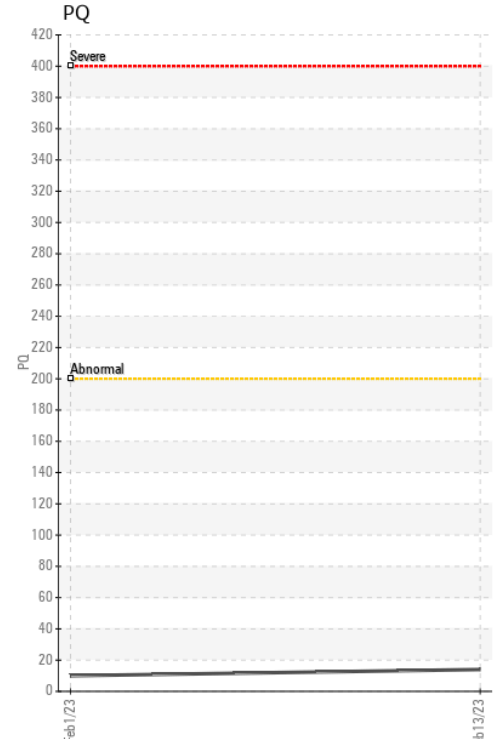
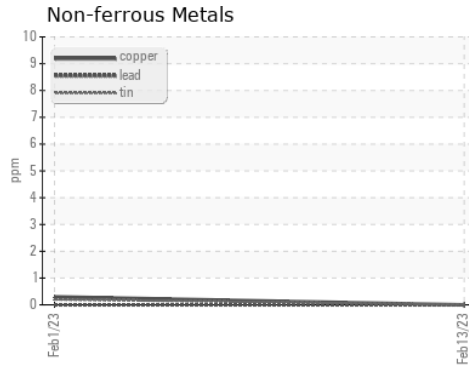
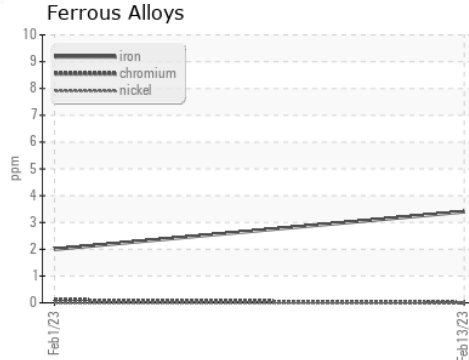
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	501	447	▲ 149	---

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. : PCA0092253 **Received** : 16 Feb 2023
Lab Number : 05770323 **Diagnosed** : 19 Feb 2023
Unique Number : 10344940 **Diagnostician** : Don Baldrige
Test Package : PLANT

CERTAINTED CORP
 231 SHIP CANAL PKWY
 BUFFALO, NY
 US 14218
 Contact: MIKE SLOMBA
 MIKE.F.SLOMBA@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)