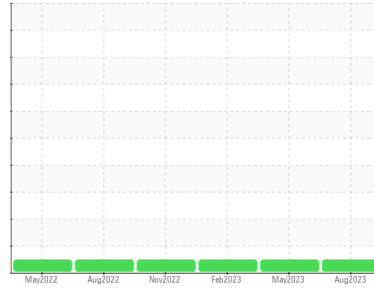


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
L-10 88 REDUCTION
 Component
Gearbox
 Fluid
PETRO CANADA ENDURATEX EP 220 (15 GAL)

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	PCA0091821	PCA0091909	PCA0091894
Sample Date	Client Info	09 Aug 2023	22 May 2023	15 Feb 2023
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	13	15	14
Iron	ppm ASTM D5185m >200	9	8	8
Chromium	ppm ASTM D5185m >15	<1	0	0
Nickel	ppm ASTM D5185m >15	<1	0	0
Titanium	ppm ASTM D5185m	<1	<1	0
Silver	ppm ASTM D5185m	0	0	0
Aluminum	ppm ASTM D5185m >25	2	<1	0
Lead	ppm ASTM D5185m >100	<1	<1	0
Copper	ppm ASTM D5185m >200	<1	<1	<1
Tin	ppm ASTM D5185m >25	<1	<1	0
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 60	28	29	28
Barium	ppm ASTM D5185m 0	0	0	0
Molybdenum	ppm ASTM D5185m 0	0	0	0
Manganese	ppm ASTM D5185m 0	0	0	0
Magnesium	ppm ASTM D5185m 0	0	<1	<1
Calcium	ppm ASTM D5185m 0	6	8	8
Phosphorus	ppm ASTM D5185m 270	413	405	393
Zinc	ppm ASTM D5185m 0	<1	4	2
Sulfur	ppm ASTM D5185m 11200	6381	5973	5097

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	2	4	2
Sodium	ppm ASTM D5185m	3	0	0
Potassium	ppm ASTM D5185m >20	2	2	2

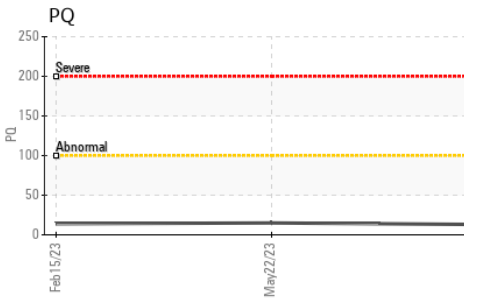
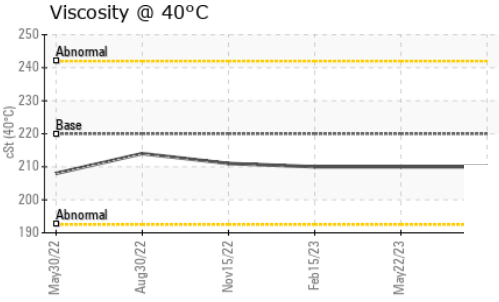
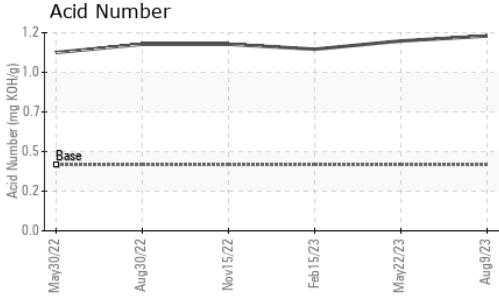
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045 0.40	1.18	1.15	1.10

VISUAL

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

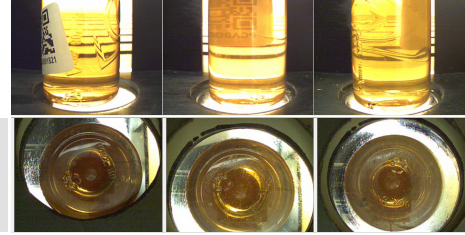
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 220	210	210	210

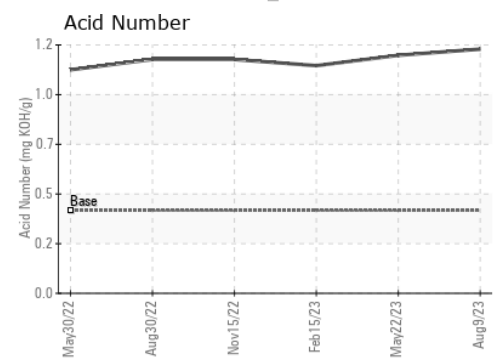
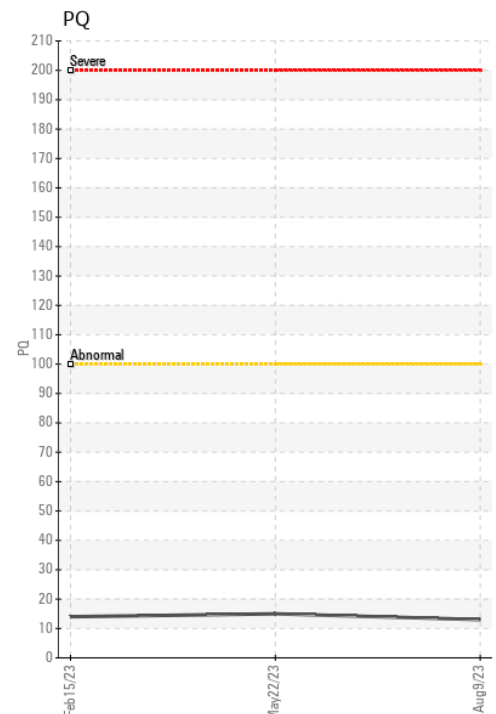
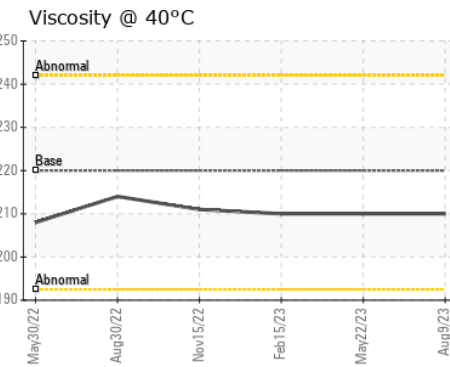
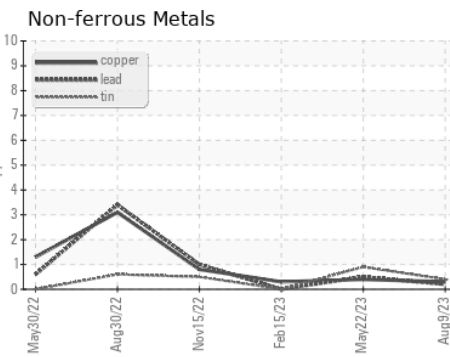
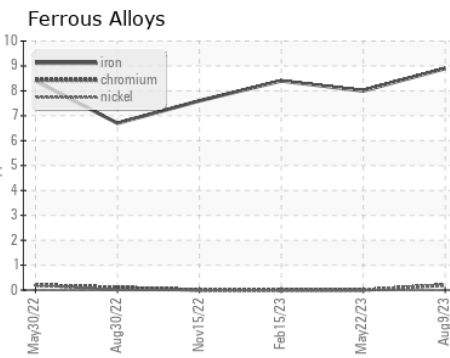
SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color



Bottom

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0091821 **Received** : 10 Aug 2023
Lab Number : 05921566 **Diagnosed** : 11 Aug 2023
Unique Number : 10593480 **Diagnostician** : Wes Davis
Test Package : PLANT

CERTANTEED VINYL PLANT
 2651 PENNY RD
 CLAREMONT, NC
 US 28613
 Contact: BRUCE JAMES
 bruce.a.james@saint-gobain.com
 T: (828)459-3320
 F: (828)459-3329

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)