



PROBLEM SUMMARY

Sample Rating Trend



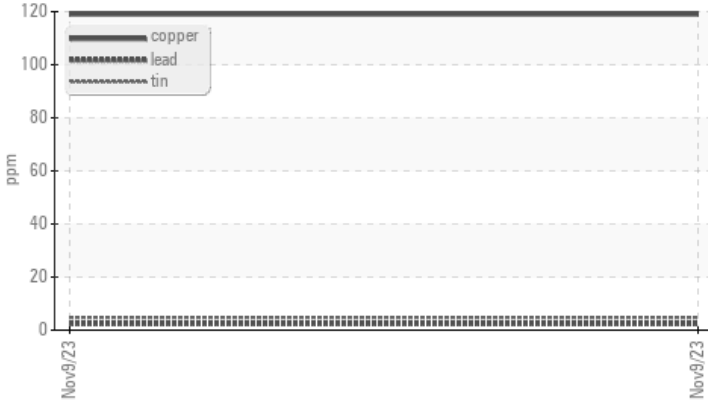
WEAR



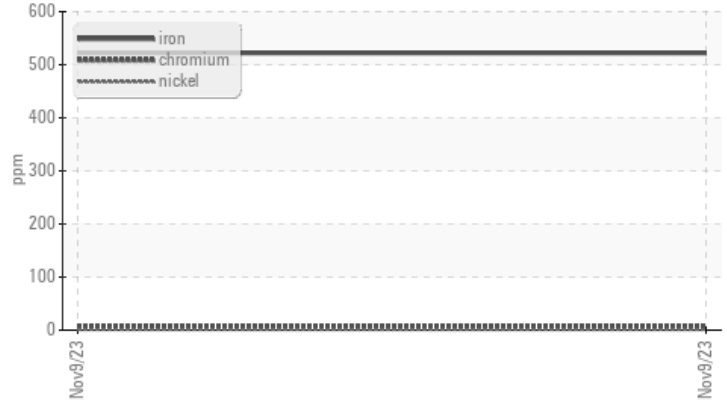
Machine Id
201903 - GENIE 65` MANLIFT
 Component
Rear Left Final Drive
 Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



▲ Ferrous Alloys



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>500	▲ 522	---	---
Copper	ppm	ASTM D5185m	>50	▲ 119	---	---

Customer Id: CONLINNE
 Sample No.: SBP0004943
 Lab Number: 06010412
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Sean Felton +1 919-379-4092
sfelton@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

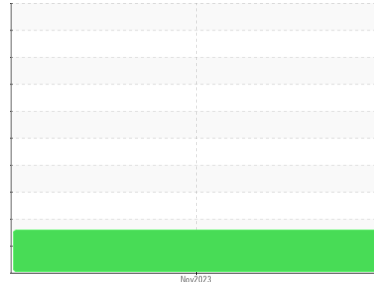
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
201903 - GENIE 65` MANLIFT
 Component
Rear Left Final Drive
 Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Bearing and/or bushing wear is indicated. Gear wear is indicated.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	SBP0004943	---	---
Sample Date	Client Info	09 Nov 2023	---	---
Machine Age	hrs Client Info	1343	---	---
Oil Age	hrs Client Info	1000	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >500	▲ 522	---	---
Chromium ppm	ASTM D5185m >10	8	---	---
Nickel ppm	ASTM D5185m >10	1	---	---
Titanium ppm	ASTM D5185m	<1	---	---
Silver ppm	ASTM D5185m	0	---	---
Aluminum ppm	ASTM D5185m >25	4	---	---
Lead ppm	ASTM D5185m >25	2	---	---
Copper ppm	ASTM D5185m >50	▲ 119	---	---
Tin ppm	ASTM D5185m >10	5	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 328	8	---	---
Barium ppm	ASTM D5185m 1	24	---	---
Molybdenum ppm	ASTM D5185m	<1	---	---
Manganese ppm	ASTM D5185m	13	---	---
Magnesium ppm	ASTM D5185m 1	1	---	---
Calcium ppm	ASTM D5185m 7	30	---	---
Phosphorus ppm	ASTM D5185m 1145	203	---	---
Zinc ppm	ASTM D5185m 3	72	---	---
Sulfur ppm	ASTM D5185m 17909	9021	---	---

CONTAMINANTS

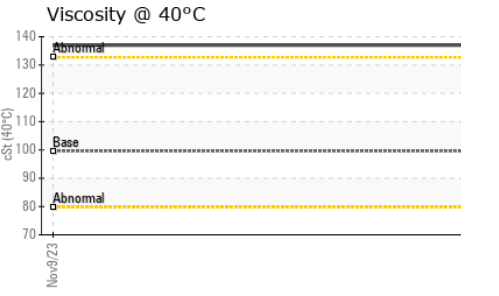
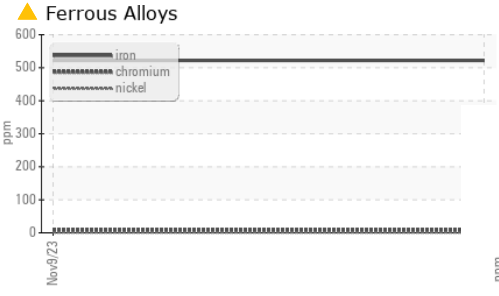
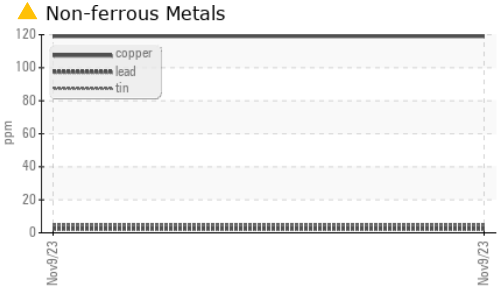
method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >75	25	---	---
Sodium ppm	ASTM D5185m	0	---	---
Potassium ppm	ASTM D5185m >20	5	---	---

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	---	---



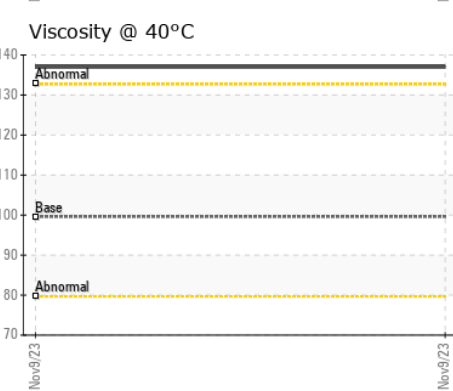
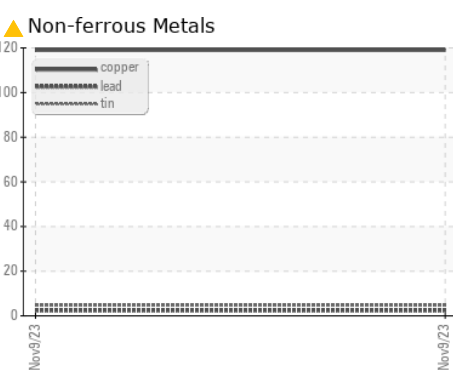
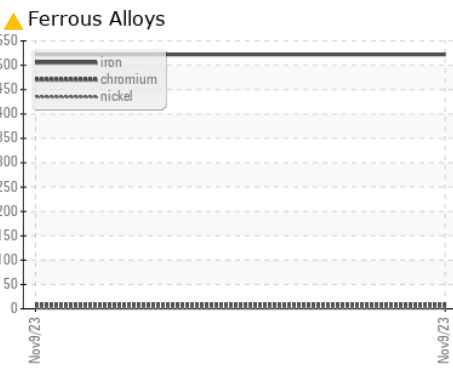
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : SBP0004943 **Received** : 16 Nov 2023
Lab Number : **06010412** **Diagnosed** : 20 Nov 2023
Unique Number : 10749556 **Diagnostician** : Sean Felton
Test Package : FLEET

Constructors Inc. - 603659
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 Lincoln, NE
 US 68508
 Contact: Jack Linhart
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Certificate L2367
 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)