



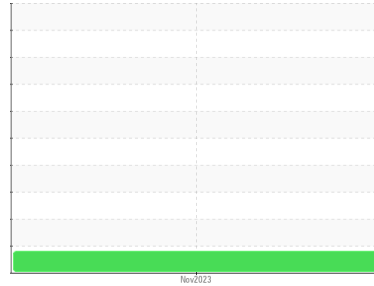
PROBLEM SUMMARY

Sample Rating Trend

WEAR

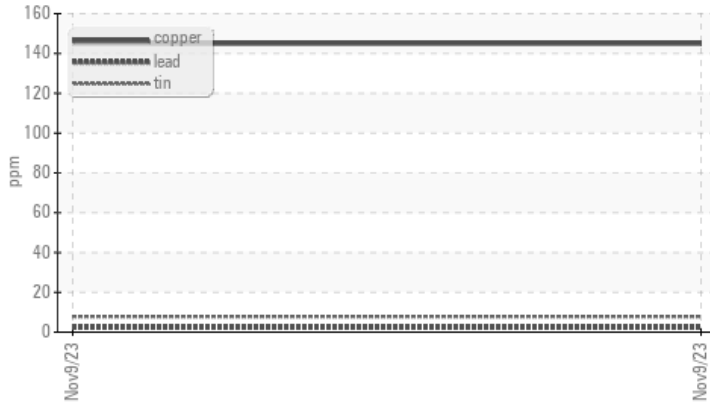


Machine Id
201903 - GENIE 65` MANLIFT
Component
Front Left Final Drive
Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)



COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Copper	ppm	ASTM D5185m	>50	▲ 145	---	---

Customer Id: CONLINNE
Sample No.: SBP0004881
Lab Number: 06010411
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

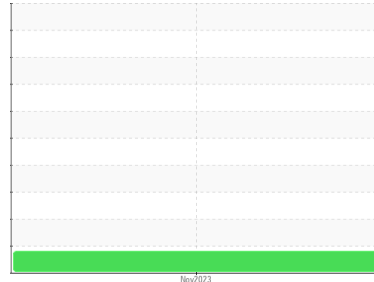
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
201903 - GENIE 65` MANLIFT
 Component
Front 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.

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		SBP0004881	---	---
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	434	---	---
Chromium	ppm	ASTM D5185m >10	7	---	---
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	▲ 145	---	---
Tin	ppm	ASTM D5185m >10	8	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	7	---	---
Barium	ppm	ASTM D5185m 1	24	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Manganese	ppm	ASTM D5185m	12	---	---
Magnesium	ppm	ASTM D5185m 1	1	---	---
Calcium	ppm	ASTM D5185m 7	27	---	---
Phosphorus	ppm	ASTM D5185m 1145	202	---	---
Zinc	ppm	ASTM D5185m 3	70	---	---
Sulfur	ppm	ASTM D5185m 17909	9526	---	---

CONTAMINANTS

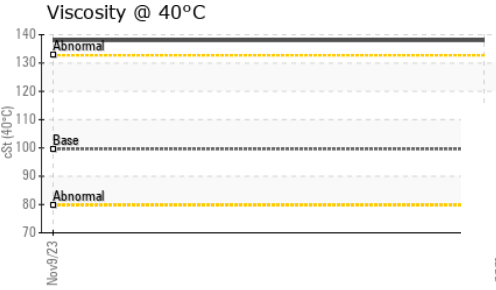
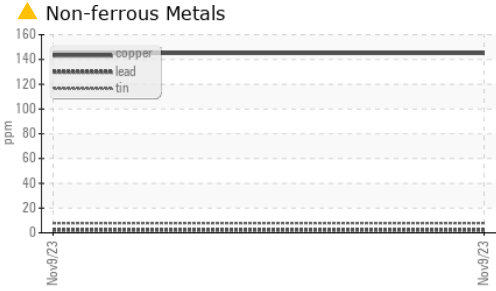
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	26	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	5	---	---

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	---	---



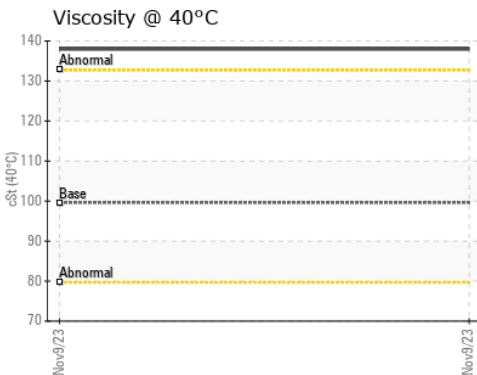
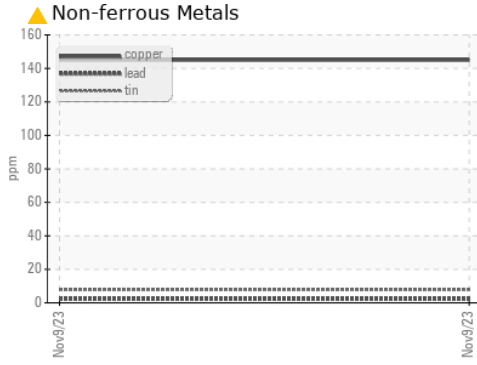
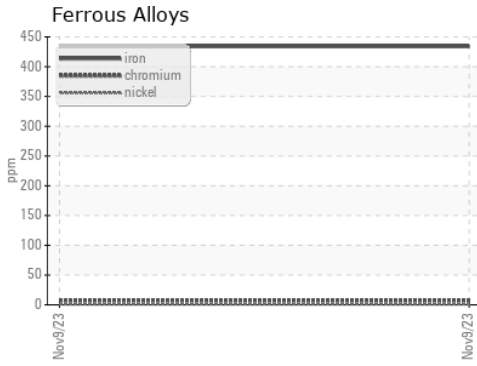
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	99.6	138	---	---

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. : SBP0004881 **Received** : 16 Nov 2023
Lab Number : **06010411** **Diagnosed** : 20 Nov 2023
Unique Number : 10749555 **Diagnostician** : Sean Felton
Test Package : FLEET

Constructors Inc. - 603659
 1815 Y Street
 Lincoln, NE
 US 68508

Contact: Jack Linhart
 jackl@constructorslincoln.com
 T: (402)434-2157
 F:

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)