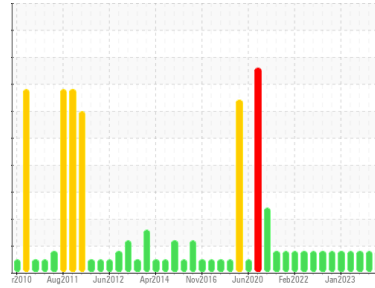




PROBLEM SUMMARY

Sample Rating Trend



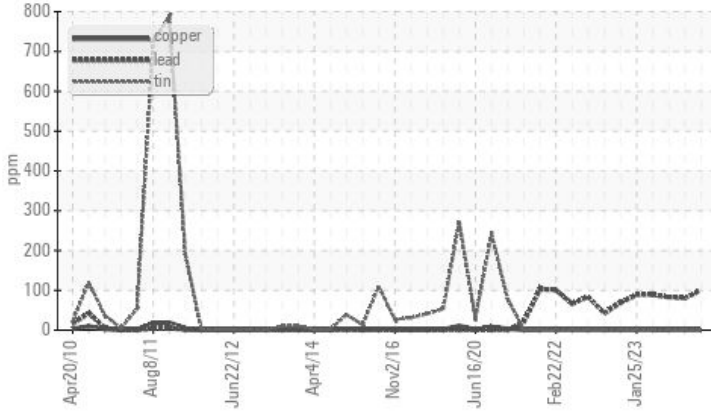
WEAR



Area
STRATH
 Machine Id
BABBIT BRG PEDESTAL B BALL MILL NON DRIVE END
 Component
Non-Drive End Bearing
 Fluid
PETRO CANADA TURBOFLO R&O 68 (15 LTR)

COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



RECOMMENDATION

We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	ATTENTION	ATTENTION
Lead	ppm	ASTM D5185(m)	>20	▲ 101	▲ 80	▲ 83

Customer Id: CENSUD
 Sample No.: WC0866174
 Lab Number: 02587630
 Test Package: IND 1



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

17 Jul 2023 Diag: Kevin Marson

WEAR



Resample at the next service interval to monitor. Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



28 Mar 2023 Diag: Kevin Marson

WEAR



The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



09 Mar 2023 Diag: Kevin Marson

WEAR



Resample at the next service interval to monitor. Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

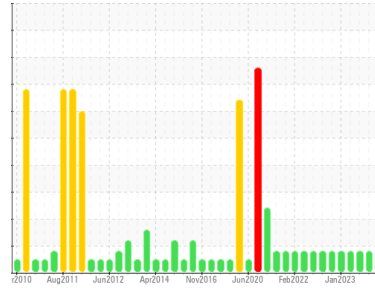
view report





OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
STRATH
 Machine Id
BABBIT BRG PEDESTAL B BALL MILL NON DRIVE END
 Component
Non-Drive End Bearing
 Fluid
PETRO CANADA TURBOFLO R&O 68 (15 LTR)

DIAGNOSIS

Recommendation

We recommend an early resample to monitor this condition.

Wear

Lead ppm levels are noted. All other component wear rates are normal.

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		WC0866174	WC0828552	WC0786838
Sample Date	Client Info		04 Oct 2023	17 Jul 2023	28 Mar 2023
Machine Age	mths	Client Info	6	0	2
Oil Age	mths	Client Info	6	6	2
Oil Changed	Client Info		Not Changed	Not Changd	Changed
Sample Status			ATTENTION	ATTENTION	ATTENTION

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	0	<1
Chromium	ppm	ASTM D5185(m)	>20	0	0
Nickel	ppm	ASTM D5185(m)	>20	0	<1
Titanium	ppm	ASTM D5185(m)		0	0
Silver	ppm	ASTM D5185(m)		<1	0
Aluminum	ppm	ASTM D5185(m)	>20	0	0
Lead	ppm	ASTM D5185(m)	>20	▲ 101	▲ 80
Copper	ppm	ASTM D5185(m)	>20	<1	<1
Tin	ppm	ASTM D5185(m)	>20	0	0
Antimony	ppm	ASTM D5185(m)		0	<1
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1	<1
Barium	ppm	ASTM D5185(m)		<1	0
Molybdenum	ppm	ASTM D5185(m)		0	0
Manganese	ppm	ASTM D5185(m)		0	0
Magnesium	ppm	ASTM D5185(m)		0	0
Calcium	ppm	ASTM D5185(m)	0	1	1
Phosphorus	ppm	ASTM D5185(m)	4	5	4
Zinc	ppm	ASTM D5185(m)	0	1	2
Sulfur	ppm	ASTM D5185(m)		156	155
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

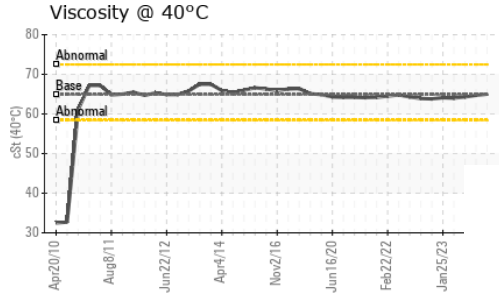
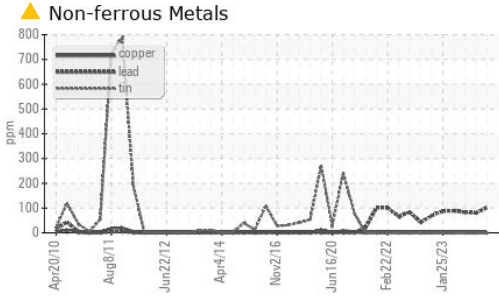
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	0	0
Sodium	ppm	ASTM D5185(m)		0	0
Potassium	ppm	ASTM D5185(m)	>20	0	<1

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

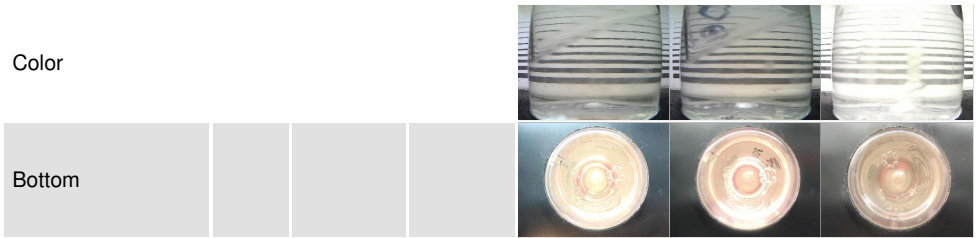


OIL ANALYSIS REPORT

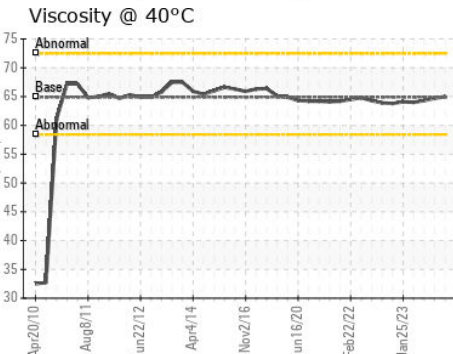
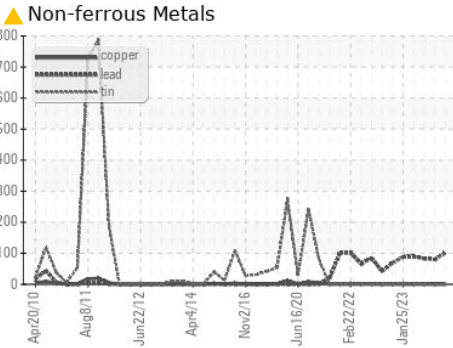
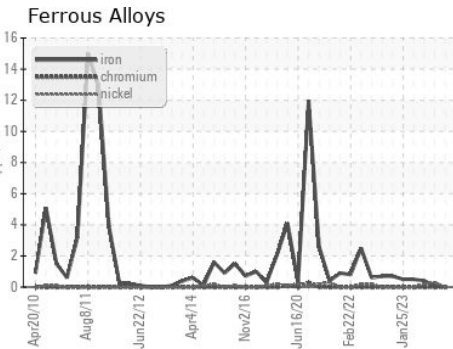


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	64.9	65.0	64.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Wajax - Northpoint Technical Services
 Sample No. : WC0866174 Received : 06 Oct 2023 1108 WebbWood Drive.
 Lab Number : 02587630 Diagnosed : 10 Oct 2023 Sudbury, ON
 Unique Number : 5656696 Diagnostician : Kevin Marson CA P3C 3B7
 Test Package : IND 1 Contact: Nick Walker
 nwalker@northpoints.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

T: (705)499-2387
 F: (795)690-9010