



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

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 (8 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0866180	WC0878483	WC0866174
Sample Date		Client Info		09 Jan 2024	14 Nov 2023	04 Oct 2023
Machine Age	mths	Client Info		0	0	6
Oil Age	mths	Client Info		0	0	6
Filter Age	mths	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ATTENTION	ATTENTION

WEAR

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

Iron	ppm	ASTM D5185(m)	>20	0	0	0
Chromium	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>20	0	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	<1	0	0
Lead	ppm	ASTM D5185(m)	>20	▲ 105	▲ 98	▲ 101
Copper	ppm	ASTM D5185(m)	>20	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>20	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

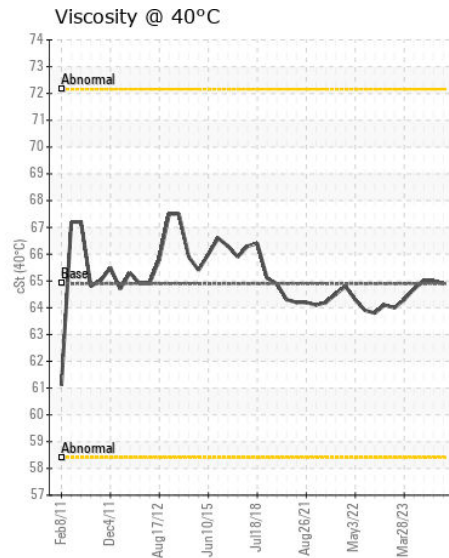
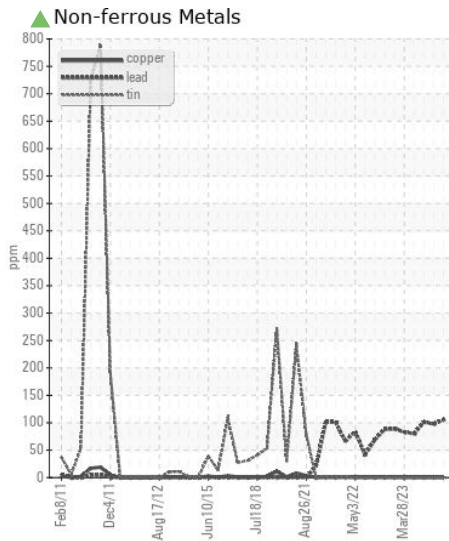
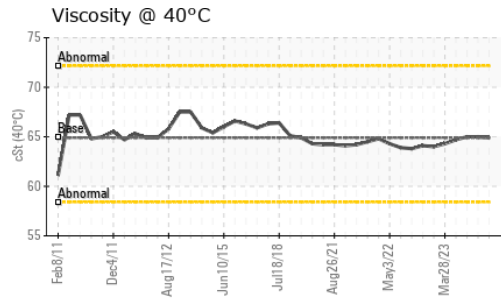
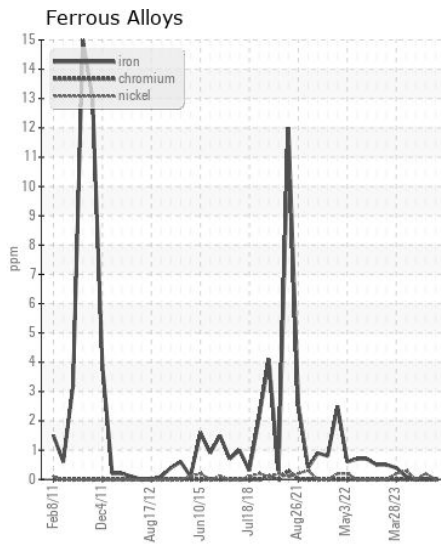
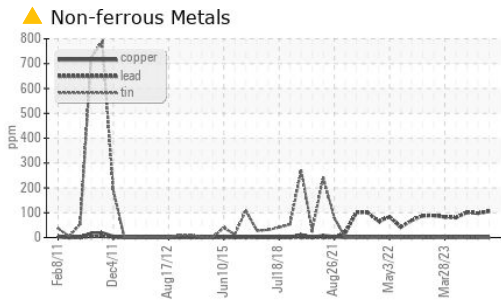
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>15	0	0	0
Potassium	ppm	ASTM D5185(m)	>20	1	0	0
Water		WC Method	>2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
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*	>2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		0	0	0
Boron	ppm	ASTM D5185(m)		0	<1	<1
Barium	ppm	ASTM D5185(m)		0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		<1	0	0
Calcium	ppm	ASTM D5185(m)	0	1	1	1
Phosphorus	ppm	ASTM D5185(m)	4	5	4	5
Zinc	ppm	ASTM D5185(m)	0	1	<1	1
Sulfur	ppm	ASTM D5185(m)		152	151	156
Visc @ 40°C	cSt	ASTM D7279(m)	64.9	64.9	65.0	65.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Wajax - Northpoint Technical Services
Sample No. : WC0866180 **Received** : 16 Jan 2024 1108 WebbWood Drive.
Lab Number : 02609004 **Diagnosed** : 16 Jan 2024 Sudbury, ON
Unique Number : 5710090 **Diagnostician** : Kevin Marson CA P3C 3B7
Test Package : IND 1

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.

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