

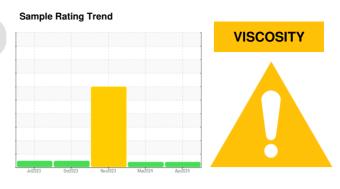
OIL ANALYSIS REPORT

Area **STRATH**Machine Id

BABBIT BRG PEDESTAL B ROD MILL DRIVE END

Drive End Bearing

PETRO CANADA TURBOFLO R&O 68 (20 LTR)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

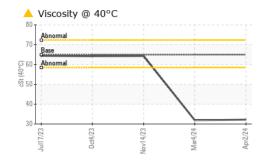
Fluid Condition

Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0904128	WC0904119	WC0878482
Sample Date		Client Info		02 Apr 2024	04 Mar 2024	14 Nov 2023
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		3	6	0
Oil Changed		Client Info		Changed	Not Changd	N/A
Sample Status				ABNORMAL	ABNORMAL	SEVERE
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	14	13	1 01
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	4
Nickel	ppm	ASTM D5185(m)	>20	0	<1	1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	0	<1	0
Lead	ppm	ASTM D5185(m)	>20	2	2	24
Copper	ppm	ASTM D5185(m)	>20	1	1	2
Tin	ppm	ASTM D5185(m)	>20	1	1	6
Antimony	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		0	0	<1
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		<1	0	1
Magnesium	ppm	ASTM D5185(m)		0	0	0
Calcium	ppm	ASTM D5185(m)	0	0	<1	<1
Phosphorus	ppm	ASTM D5185(m)	4	6	5	6
Zinc	ppm	ASTM D5185(m)	0	<1	<1	<1
Sulfur	ppm	ASTM D5185(m)		143	144	141
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINANTS			11 1. //		for the second	le le term o
CONTAMINANTS		method	limit/base	current	history1	history2
	ppm	method ASTM D5185(m)	>15	o current	<1	nistory2 2
Silicon	ppm ppm					

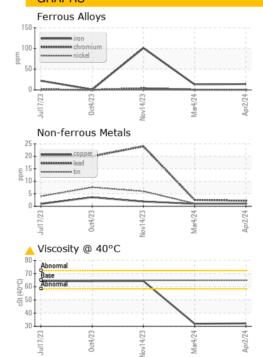


OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE	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	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>2	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	64.9	▲ 32.2	▲ 31.9	64.3
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS







Laboratory Sample No.

Lab Number : 02629939 Unique Number : 5763071

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Wajax - Northpoint Technical Services : WC0904128 Received

: 18 Apr 2024 **Tested**

: 18 Apr 2024

1108 WebbWood Drive. Sudbury, ON CA P3C 3B7

Diagnosed : 18 Apr 2024 - Kevin Marson Test Package : IND 1

> nwalker@northpoints.com T: (705)499-2387 F: (795)690-9010

Contact: Nick Walker

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.

Contact/Location: Nick Walker - CENSUD