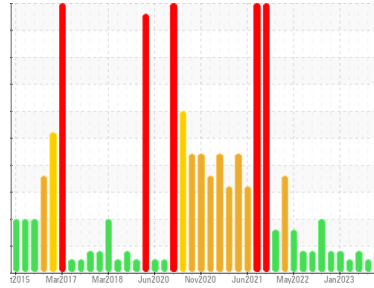


PROBLEM SUMMARY

Area
TEAM 1
Machine Id
122156 ID Fan Inboard (S/N 122156 Inboard Brg)
Component
Bearing
Fluid
PETRO CANADA TURBOFLO R&O 150 (1 LTR)

Sample Rating Trend

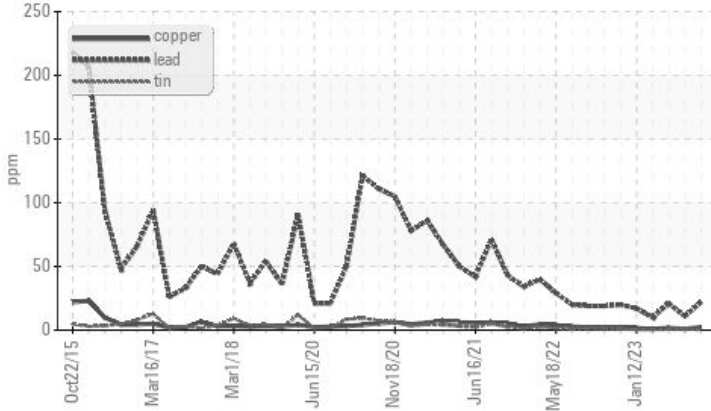


WEAR



COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



RECOMMENDATION

We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				MARGINAL	NORMAL	MARGINAL
Lead	ppm	ASTM D5185(m)	>20	▲ 22	11	▲ 21

Customer Id: CANDRY
Sample No.: PC0070441
Lab Number: 02575376
Test Package: IND 2



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

08 Jun 2023 Diag: Kevin Marson

NORMAL



Resample at the next service interval to monitor. All 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



05 Apr 2023 Diag: Kevin Marson

WEAR



We recommend an early resample to monitor this condition. Lead ppm levels are marginal. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



31 Jan 2023 Diag: Kevin Marson

NORMAL

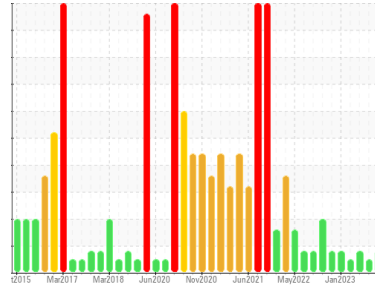


Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



Area
TEAM 1
Machine Id
122156 ID Fan Inboard (S/N 122156 Inboard Brg)
Component
Bearing
Fluid
PETRO CANADA TURBOFLO R&O 150 (1 LTR)



DIAGNOSIS

- ▲ Recommendation**
We recommend an early resample to monitor this condition.
- ▲ Wear**
Lead ppm levels are marginal. All other component wear rates are normal.
- Contamination**
There is no indication of any contamination in the oil.
- Fluid Condition**
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	PC0070441	PC0074860	PC0070224
Sample Date	Client Info	10 Aug 2023	08 Jun 2023	05 Apr 2023
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		MARGINAL	NORMAL	MARGINAL

WEAR METALS method limit/base current history1 history2

PQ	ASTM D8184*		0	---	0
Iron	ppm	ASTM D5185(m) >20	6	8	8
Chromium	ppm	ASTM D5185(m) >20	0	0	0
Nickel	ppm	ASTM D5185(m) >20	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m) >20	<1	<1	1
Lead	ppm	ASTM D5185(m) >20	▲ 22	11	▲ 21
Copper	ppm	ASTM D5185(m) >20	2	1	2
Tin	ppm	ASTM D5185(m) >20	<1	<1	<1
Antimony	ppm	ASTM D5185(m)	0	<1	<1
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

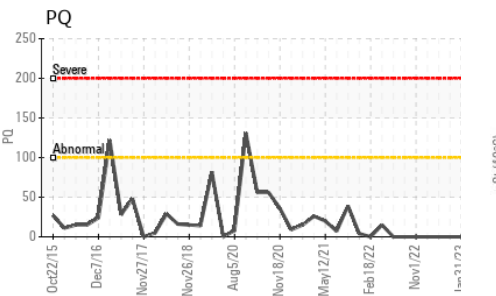
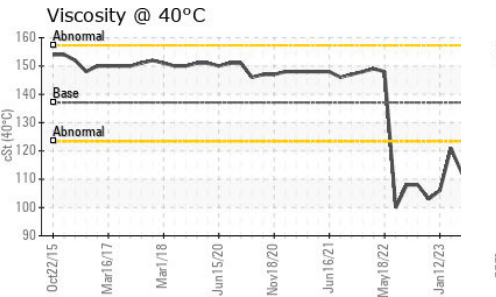
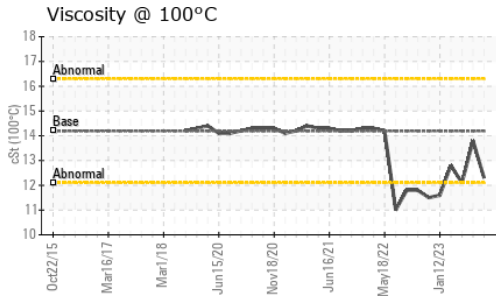
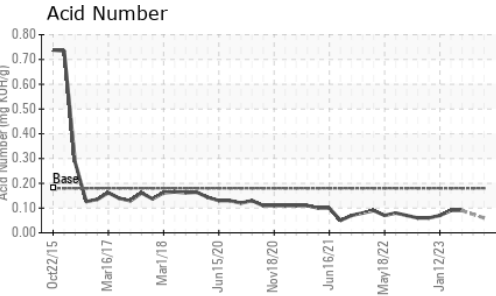
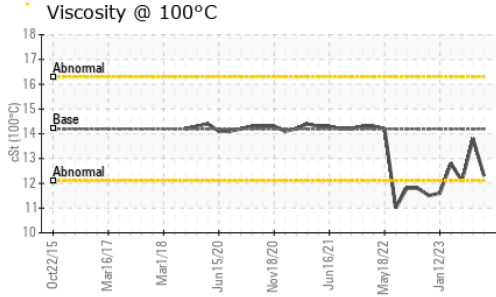
Boron	ppm	ASTM D5185(m)	1	<1	0
Barium	ppm	ASTM D5185(m)	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0
Manganese	ppm	ASTM D5185(m)	<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	<1	<1	<1
Calcium	ppm	ASTM D5185(m) 0	3	2	<1
Phosphorus	ppm	ASTM D5185(m) 4	4	4	4
Zinc	ppm	ASTM D5185(m) 0	10	8	8
Sulfur	ppm	ASTM D5185(m)	3908	3920	3817
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m) >15	7	6	9
Sodium	ppm	ASTM D5185(m)	1	<1	1
Potassium	ppm	ASTM D5185(m) >20	<1	1	0

FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D974* 0.18	0.06	---	0.09
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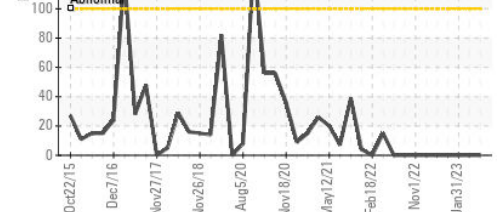
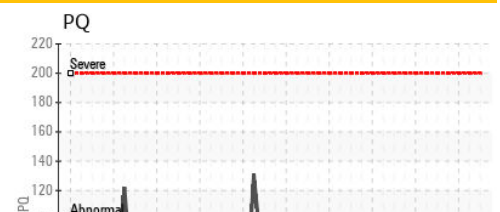
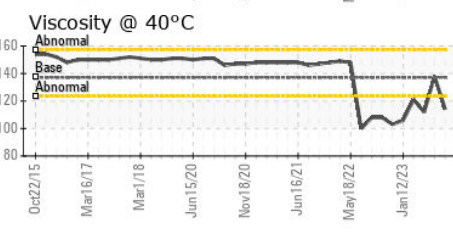
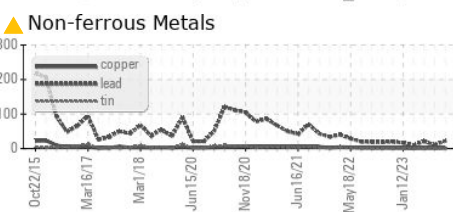
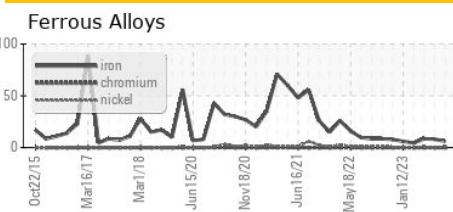


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	VLITE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	137.1	114	138
Visc @ 100°C	cSt	ASTM D7279(m)	14.19	12.3	13.8
Viscosity Index (VI)	Scale	ASTM D2270*	101	97	95

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0070441 **Received** : 11 Aug 2023
Lab Number : 02575376 **Diagnosed** : 14 Aug 2023
Unique Number : 5620427 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KV100, VI)

Domtar Inc.
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 Dryden, ON
 CA P8N 2Z7
 Contact: Yvon St. Laurent
 yvon.stlaurent@domtar.com
 T: (807)223-9838
 F: (807)223-9176

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.