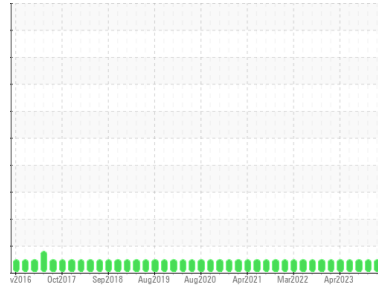


OIL ANALYSIS REPORT

Area
TEAM 1
Machine Id
122651 Motor Inboard
Component
Bearing
Fluid
PETRO CANADA TURBOFLO R&O 32 (4 LTR)

Sample Rating Trend



DIAGNOSIS

- Recommendation**
Resample at the next service interval to monitor.
- Wear**
All 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	PC0080431	PC0076931	PC0069896
Sample Date	Client Info	09 Jul 2024	22 Jan 2024	06 Oct 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		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >2	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184*	0	0	0
Iron	ppm	ASTM D5185(m) >20	0	0
Chromium	ppm	ASTM D5185(m) >20	0	0
Nickel	ppm	ASTM D5185(m) >20	<1	0
Titanium	ppm	ASTM D5185(m)	0	0
Silver	ppm	ASTM D5185(m)	0	<1
Aluminum	ppm	ASTM D5185(m) >20	<1	<1
Lead	ppm	ASTM D5185(m) >20	<1	5
Copper	ppm	ASTM D5185(m) >20	4	2
Tin	ppm	ASTM D5185(m) >20	<1	<1
Antimony	ppm	ASTM D5185(m)	0	0
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	0
Barium	ppm	ASTM D5185(m)	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0
Manganese	ppm	ASTM D5185(m)	0	0
Magnesium	ppm	ASTM D5185(m)	0	<1
Calcium	ppm	ASTM D5185(m) 0	<1	1
Phosphorus	ppm	ASTM D5185(m) 4	8	9
Zinc	ppm	ASTM D5185(m) 0	7	9
Sulfur	ppm	ASTM D5185(m)	181	787
Lithium	ppm	ASTM D5185(m)	<1	<1

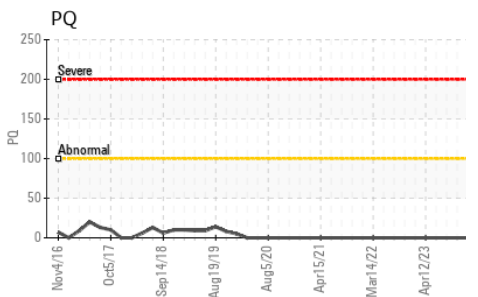
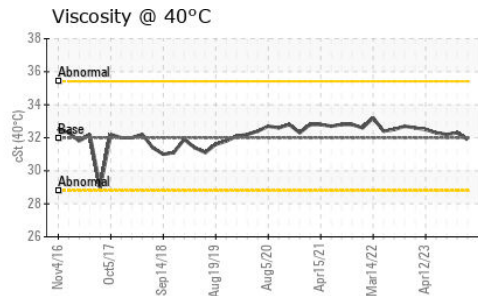
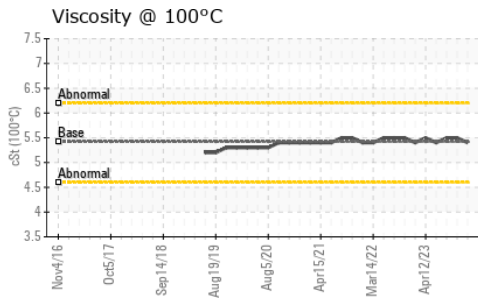
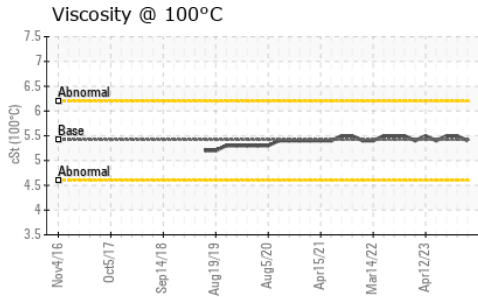
CONTAMINANTS

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

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.15	0.08	0.07

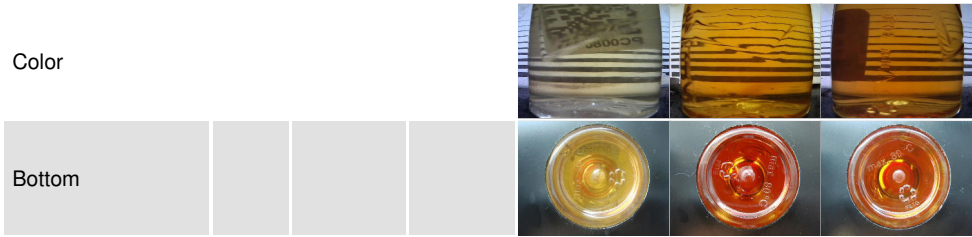
OIL ANALYSIS REPORT



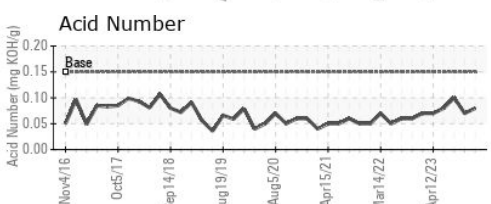
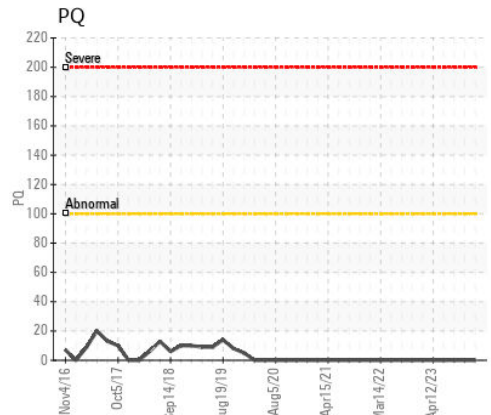
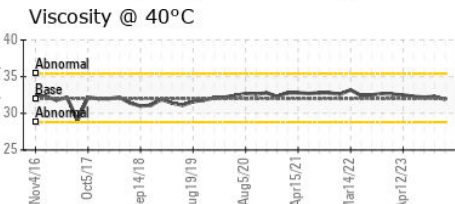
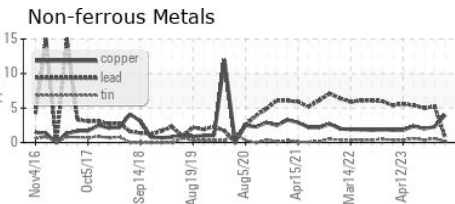
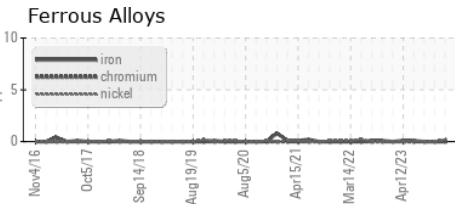
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	32.0	31.9	32.3
Visc @ 100°C	cSt	ASTM D7279(m)	5.42	5.4	5.5
Viscosity Index (VI)	Scale	ASTM D2270*	103	102	106

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0080431
Lab Number : 02647020
Unique Number : 5812572
Test Package : IND 2 (Additional Tests: KV100, TAN Man, VI)

Received : 10 Jul 2024
Tested : 10 Jul 2024
Diagnosed : 10 Jul 2024 - Wes Davis

Dryden Fibre
 Box 3001, 1 Duke Street
 Dryden, ON
 CA P8N 2Z7

Contact: Adebukola Adekanye
 aadekanye@drydenfibre.ca

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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