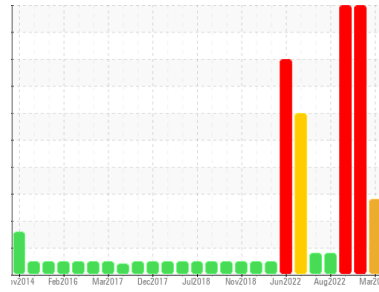




OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
007-10011-1 WEST AERATION BLOWER NON DRIVE END

Component
Non-Drive End Blower

Fluid
PETRO CANADA SYNDURO SHB ISO150 (--- GAL)

DIAGNOSIS

Recommendation

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

PQ levels are abnormal. Iron ppm levels are abnormal. The high ferrous density (PQ) index indicates that abnormal wear is occurring.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0892500	WC0839729	WC0818459
Sample Date	Client Info		28 Mar 2024	13 Mar 2024	25 May 2023
Machine Age	days	Client Info	0	0	0
Oil Age	days	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	SEVERE	SEVERE

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		▲ 130	▲ 152	▲ 148
Iron	ppm	ASTM D5185(m) >20	▲ 159	▲ 307	▲ 187
Chromium	ppm	ASTM D5185(m) >20	2	6	3
Nickel	ppm	ASTM D5185(m) >20	0	<1	<1
Titanium	ppm	ASTM D5185(m)	0	0	<1
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m) >20	1	4	2
Lead	ppm	ASTM D5185(m) >20	0	0	0
Copper	ppm	ASTM D5185(m) >20	<1	<1	<1
Tin	ppm	ASTM D5185(m) >20	0	0	0
Antimony	ppm	ASTM D5185(m)	0	0	<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)	7	16	3
Barium	ppm	ASTM D5185(m) 5.0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0
Manganese	ppm	ASTM D5185(m)	0	2	1
Magnesium	ppm	ASTM D5185(m) 5.0	<1	<1	0
Calcium	ppm	ASTM D5185(m) 5.0	1	6	0
Phosphorus	ppm	ASTM D5185(m) 100	124	293	43
Zinc	ppm	ASTM D5185(m) 5.0	4	14	4
Sulfur	ppm	ASTM D5185(m) 1900	3581	11730	2063
Lithium	ppm	ASTM D5185(m)	<1	3	1

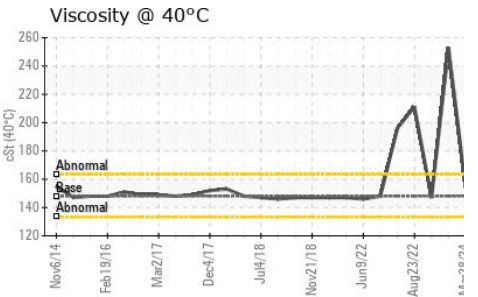
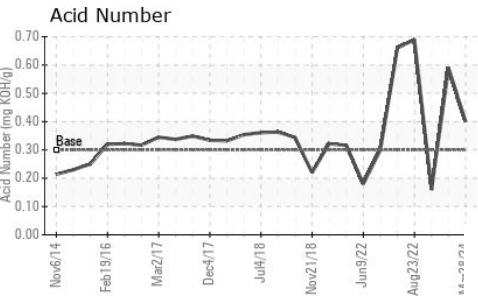
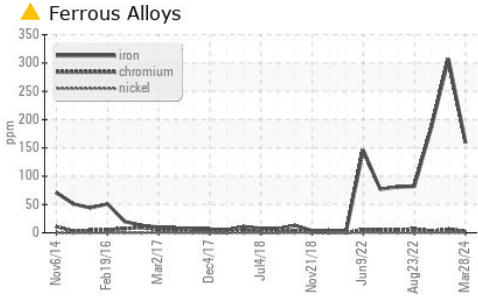
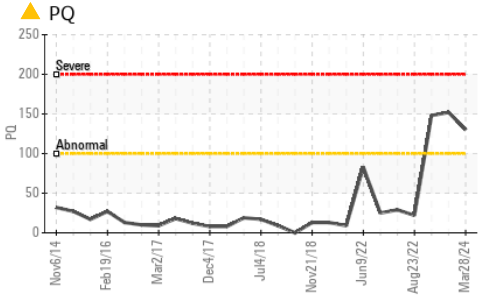
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	<1	4	3
Sodium	ppm	ASTM D5185(m)	<1	2	<1
Potassium	ppm	ASTM D5185(m) >20	1	4	1

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.3	0.40	0.59	0.16

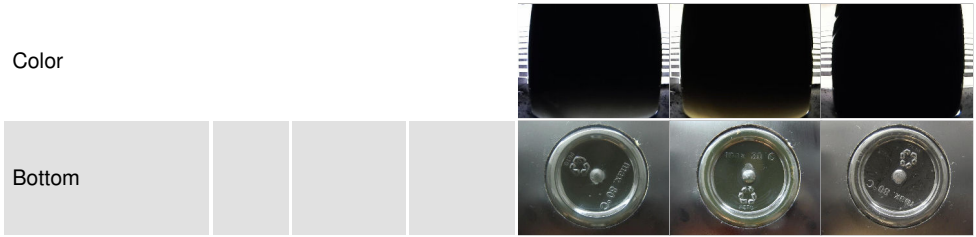
OIL ANALYSIS REPORT



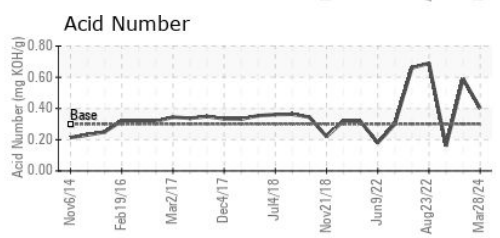
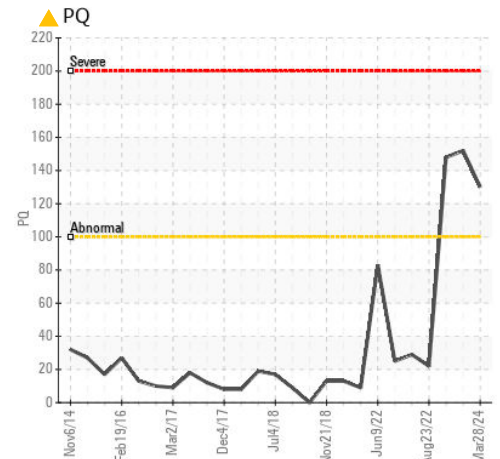
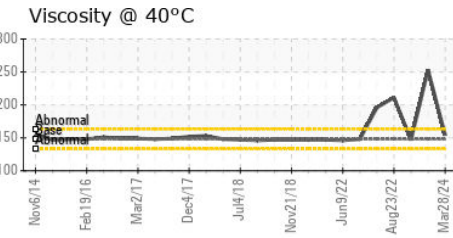
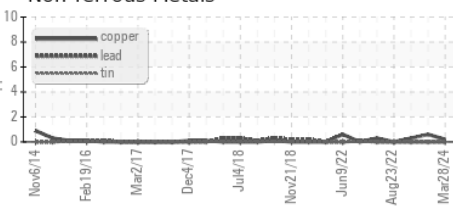
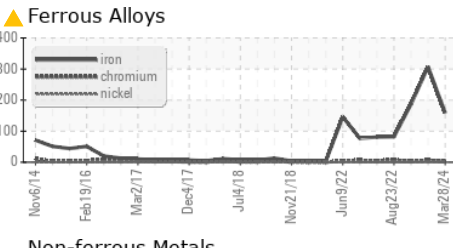
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	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)	148	154	253

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0892500 **Received** : 04 Apr 2024
Lab Number : 02626799 **Tested** : 04 Apr 2024
Unique Number : 5759931 **Diagnosed** : 05 Apr 2024 - Kevin Marson
Test Package : IND 2 (Additional Tests: TAN Man)

DXP - SCS - Sabic IP Cobourg
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 Cobourg, ON
 CA K9A 4L7
 Contact: George DiFrancesco
 george.difrancesco@sabic.com
 T: (905)373-3988
 F: (905)373-3844

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.