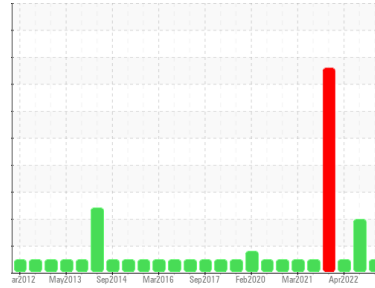




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
SABIC
 Machine Id
Roots 121-10028 #3 VAC. BLOWER
 Component
Non-Drive End Blower
 Fluid
PETRO CANADA ENDURATEX EP 220 (1 LTR)

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	WC0839723	WC0783706	WC0668775
Sample Date	Client Info	13 Oct 2023	29 Mar 2023	25 Apr 2022
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	ABNORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184*	0	0	33
Iron	ppm	ASTM D5185(m) >20	20	25
Chromium	ppm	ASTM D5185(m) >20	0	0
Nickel	ppm	ASTM D5185(m) >20	<1	<1
Titanium	ppm	ASTM D5185(m)	0	0
Silver	ppm	ASTM D5185(m)	<1	0
Aluminum	ppm	ASTM D5185(m) >20	1	2
Lead	ppm	ASTM D5185(m) >20	0	<1
Copper	ppm	ASTM D5185(m) >20	<1	<1
Tin	ppm	ASTM D5185(m) >20	0	0
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) 60	10	2
Barium	ppm	ASTM D5185(m) 0	<1	0
Molybdenum	ppm	ASTM D5185(m) 0	0	0
Manganese	ppm	ASTM D5185(m) 0	1	3
Magnesium	ppm	ASTM D5185(m) 0	2	2
Calcium	ppm	ASTM D5185(m) 0	5	2
Phosphorus	ppm	ASTM D5185(m) 270	264	246
Zinc	ppm	ASTM D5185(m) 0	46	30
Sulfur	ppm	ASTM D5185(m) 11200	9430	1149
Lithium	ppm	ASTM D5185(m)	<1	<1

CONTAMINANTS

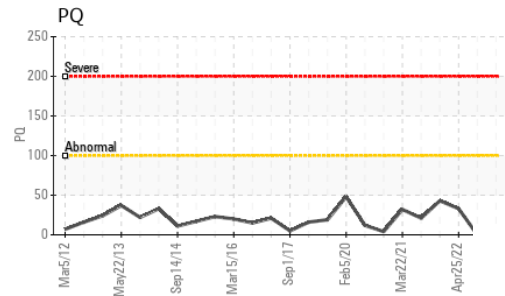
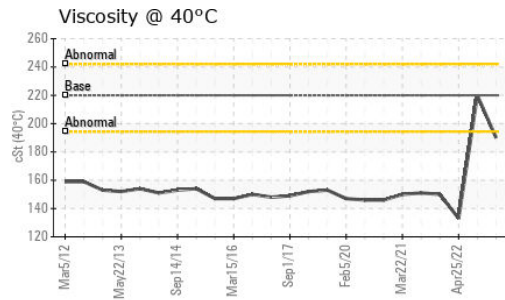
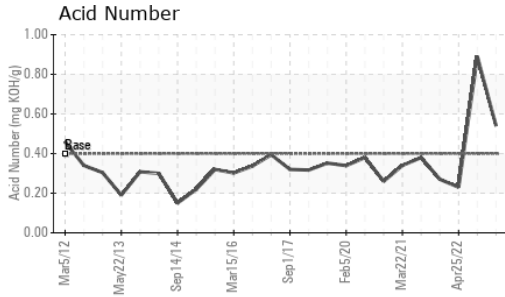
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Silicon	ppm	ASTM D5185(m) >15	6	▲ 19
Sodium	ppm	ASTM D5185(m)	1	1
Potassium	ppm	ASTM D5185(m) >20	<1	1

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.40	0.54	0.89



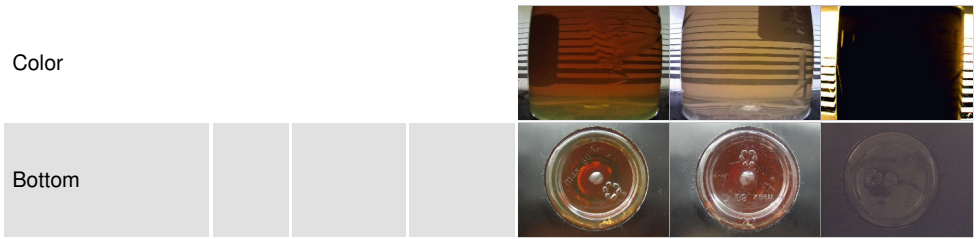
OIL ANALYSIS REPORT



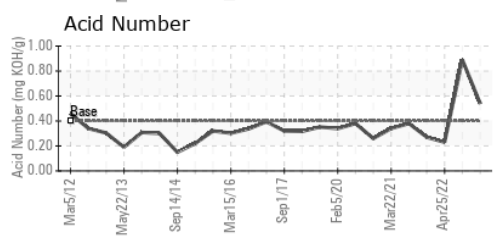
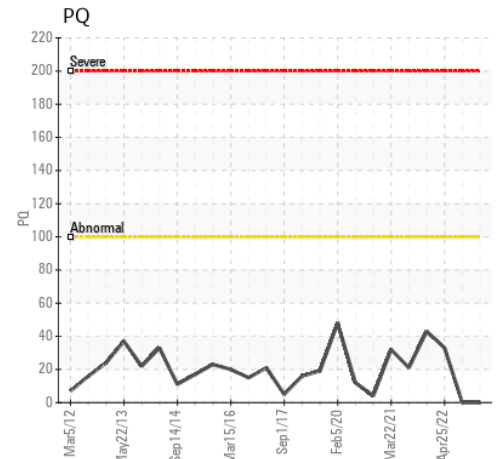
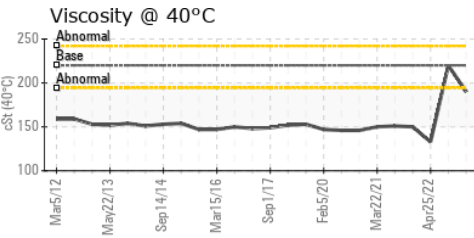
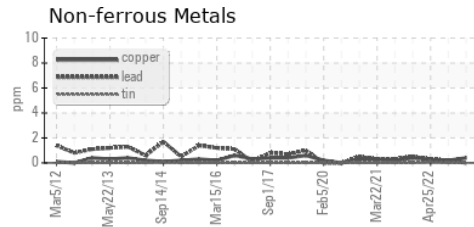
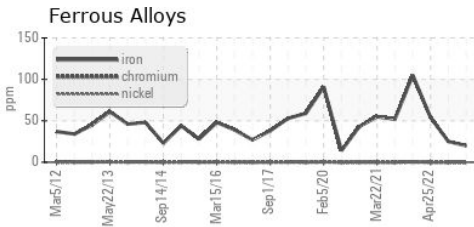
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	220	190	▲ 220 133

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. : WC0839723
Lab Number : 02590157
Unique Number : 5659223
Test Package : IND 2

DXP - SCS - Sabic IP Cobourg
 44 Normar Road
 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.