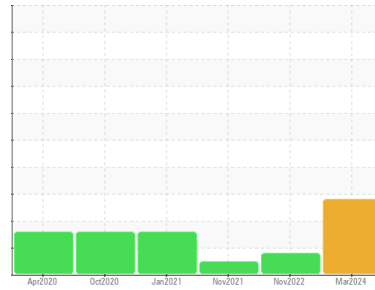


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
VOLVO VLN630 7952 (S/N 4V4ML9EG7EN173869)
 Component
Transmission (Auto)
 Fluid
PETRO CANADA TRAXON SYNTHETIC MTF 75W80 (--- GAL)

DIAGNOSIS

- Recommendation**
We recommend you service the filters on this component. Resample at the next service interval to monitor.
- Wear**
Gear wear is indicated.
- Contamination**
High concentration of visible dirt/debris present in the fluid. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material.
- Fluid Condition**
The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PCA0106097	PCA0081157	PCA0061647
Sample Date	Client Info			04 Mar 2024	30 Nov 2022	22 Nov 2021
Machine Age	mls	Client Info		437857	383417	368248
Oil Age	mls	Client Info		437857	383417	354129
Oil Changed	Client Info			Not Chngd	Not Chngd	Not Chngd
Sample Status				ABNORMAL	ABNORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

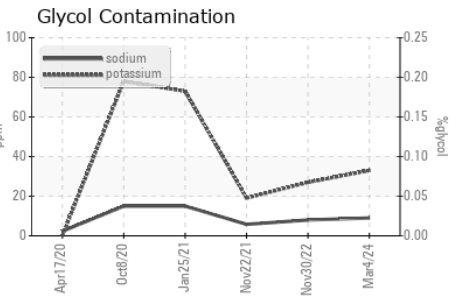
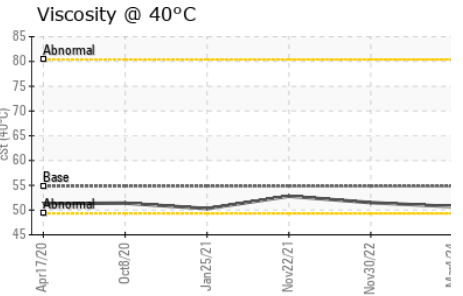
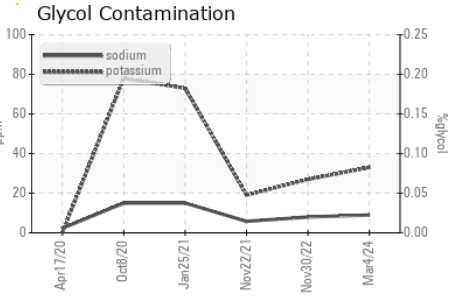
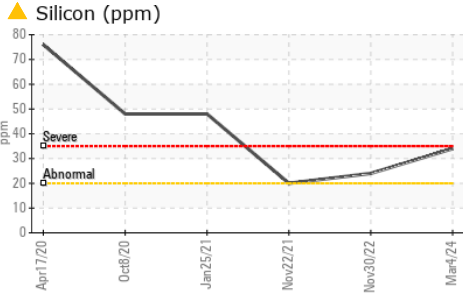
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	▲ 379	▲ 212	62
Chromium	ppm	ASTM D5185m	>5	5	3	<1
Nickel	ppm	ASTM D5185m	>5	1	<1	0
Titanium	ppm	ASTM D5185m		2	<1	<1
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	9	6	4
Lead	ppm	ASTM D5185m	>50	<1	1	<1
Copper	ppm	ASTM D5185m	>225	25	14	9
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Antimony	ppm	ASTM D5185m		---	---	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	<1	2
Barium	ppm	ASTM D5185m	0	2	<1	0
Molybdenum	ppm	ASTM D5185m		2	2	2
Manganese	ppm	ASTM D5185m		8	4	3
Magnesium	ppm	ASTM D5185m	3	17	17	17
Calcium	ppm	ASTM D5185m	731	1177	1217	1213
Phosphorus	ppm	ASTM D5185m	628	785	686	663
Zinc	ppm	ASTM D5185m	1	161	151	161
Sulfur	ppm	ASTM D5185m	2556	4907	5239	4240

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	▲ 34	24	20
Sodium	ppm	ASTM D5185m		9	8	6
Potassium	ppm	ASTM D5185m	>20	33	27	19

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	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	▲ HEAVY	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

OIL ANALYSIS REPORT

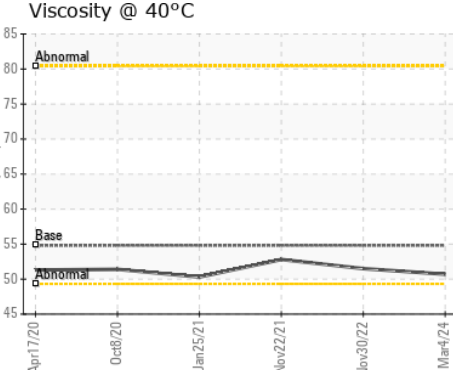
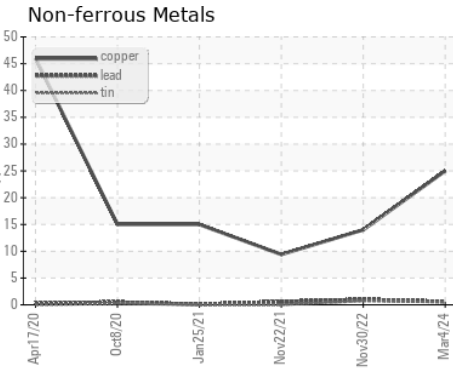
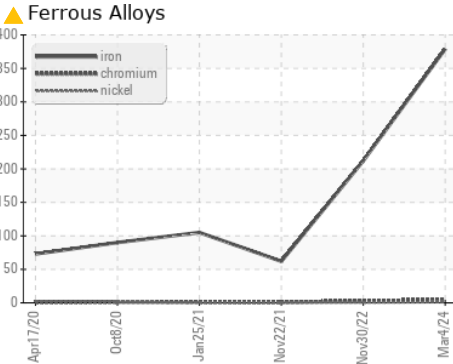


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	54.8	50.7	51.5	52.8

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0106097
Lab Number : 06174508
Unique Number : 11020561
Test Package : FLEET (Additional Tests: Glycol)

Received : 09 May 2024
Tested : 13 May 2024
Diagnosed : 13 May 2024 - Don Baldrige

PERDUE FARMS - BRIDGEVILLE
 8634 E NEWTON RD
 BRIDGEVILLE, DE
 US 19933
 Contact: GEORGE LACATES

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: