



Machine Id
VOLVO VLN630 7952 (S/N 4V4ML9EG7EN173869)

Component
Transmission (Auto)

Fluid
PETRO CANADA TRAXON SYNTHETIC MTF 75W80 (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	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
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				ABNORMAL	ABNORMAL	NORMAL

WEAR

Gear wear is indicated.

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
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

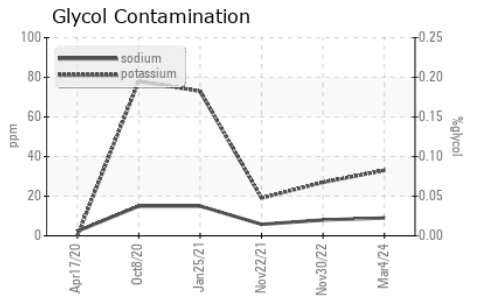
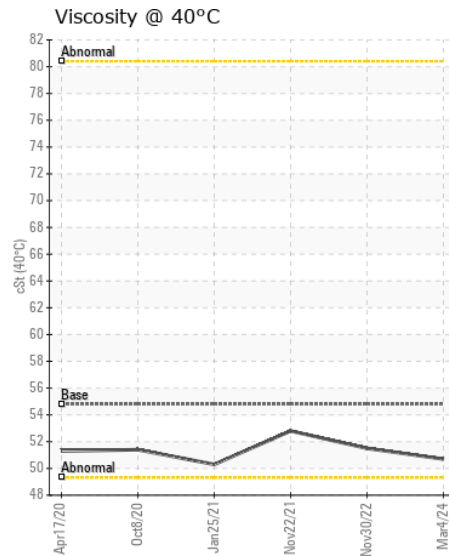
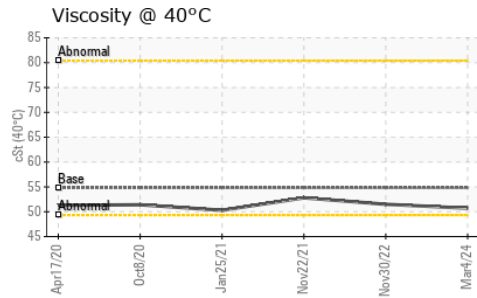
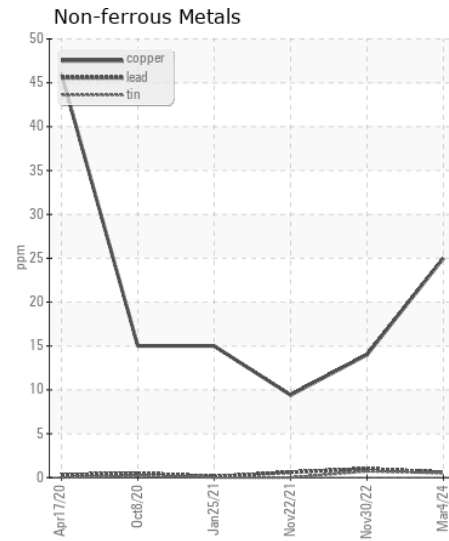
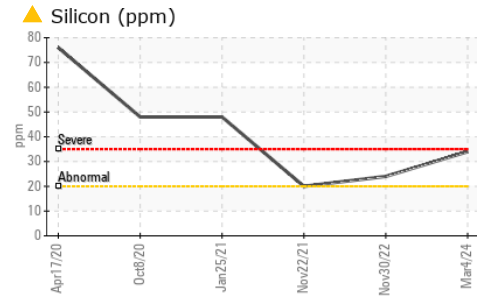
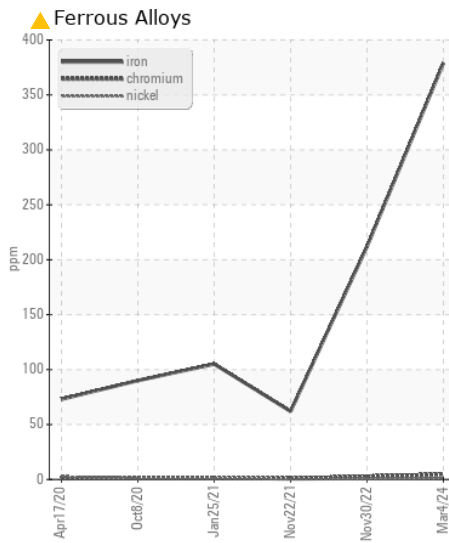
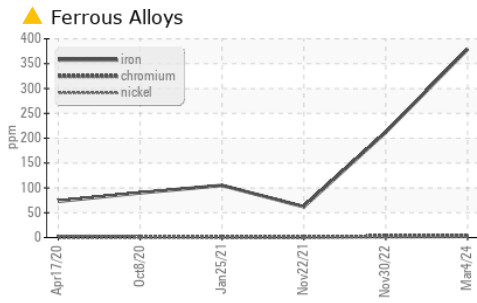
High concentration of visible dirt/debris present in the fluid. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material.

Silicon	ppm	ASTM D5185m	>20	▲ 34	24	20
Potassium	ppm	ASTM D5185m	>20	33	27	19
Water		WC Method	>0.1	NEG	NEG	NEG
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

FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		9	8	6
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
Visc @ 40°C	cSt	ASTM D445	54.8	50.7	51.5	52.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0106097 **Received** : 09 May 2024
Lab Number : 06174508 **Tested** : 13 May 2024
Unique Number : 11020561 **Diagnosed** : 13 May 2024 - Don Baldrige
Test Package : FLEET (Additional Tests: Glycol)

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)

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F: