



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>ABNORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**VOLVO VN12 26594 (S/N 4V4WC9EH1JN598492)**  
 Component  
**Bottom Transmission (Auto)**  
 Fluid  
**PETRO CANADA TRAXON E SYNTHETIC CD-50 (--- QTS)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0095530</b>	PCA0105548	PCA0100531
Sample Date		Client Info		<b>03 May 2024</b>	29 Sep 2023	28 Jun 2023
Machine Age	mls	Client Info		<b>0</b>	518714	495844
Oil Age	mls	Client Info		<b>15000</b>	518714	439639
Filter Age	mls	Client Info		<b>15000</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	N/A	Changed
Sample Status				<b>ABNORMAL</b>	SEVERE	ABNORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	<b>102</b>	51	46
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>5	<b>2</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>4</b>	2	2
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>225	<b>32</b>	36	29
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

Elemental level of silicon (Si) above normal.

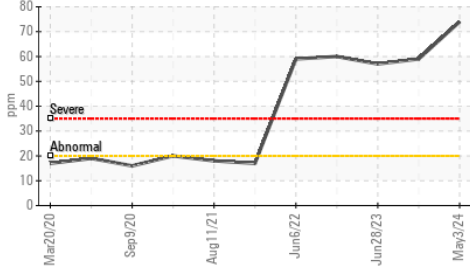
Silicon	ppm	ASTM D5185m	>20	<b>▲ 74</b>	▲ 59	▲ 57
Potassium	ppm	ASTM D5185m	>20	<b>7</b>	7	4
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

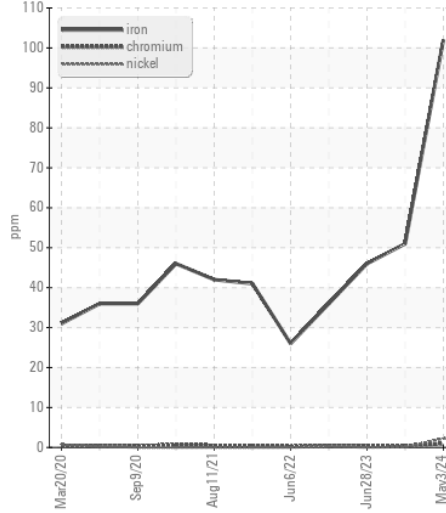
Confirm oil type. The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>1</b>	<1	2
Boron	ppm	ASTM D5185m	1	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	1	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>2</b>	2	0
Manganese	ppm	ASTM D5185m		<b>7</b>	6	7
Magnesium	ppm	ASTM D5185m	1	<b>3</b>	2	2
Calcium	ppm	ASTM D5185m	40	<b>851</b>	833	832
Phosphorus	ppm	ASTM D5185m	1072	<b>716</b>	695	637
Zinc	ppm	ASTM D5185m	4	<b>11</b>	10	3
Sulfur	ppm	ASTM D5185m	439	<b>5152</b>	4818	5064
Visc @ 40°C	cSt	ASTM D445	132	<b>52.5</b>	52.1	52.6

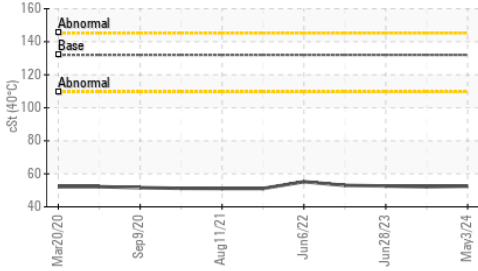
▲ Silicon (ppm)



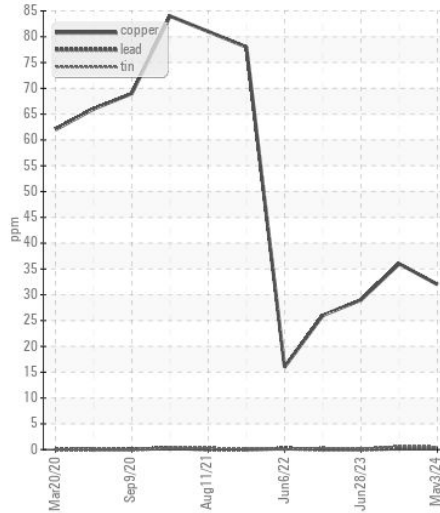
Ferrous Alloys



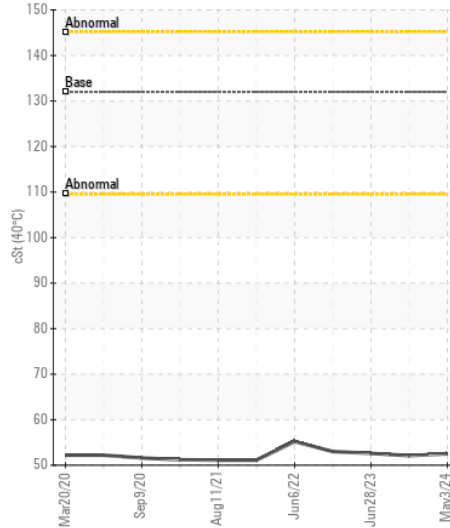
Viscosity @ 40°C



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : PCA0095530

Lab Number : 06174451

Unique Number : 11020504

Test Package : FLEET

Received : 09 May 2024

Tested : 10 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: