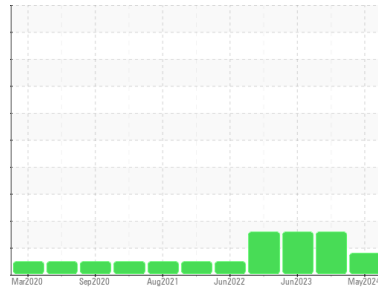


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
VOLVO VN12 26594 (S/N 4V4WC9EH1JN598492)
 Component
Rear Differential
 Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

The lead level is abnormal. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0095529	PCA0105549	PCA0100533
Sample Date	Client Info		03 May 2024	29 Sep 2023	28 Jun 2023
Machine Age	mls	Client Info	0	518714	495844
Oil Age	mls	Client Info	15000	518714	495844
Oil Changed	Client Info		Not Chngd	Not Chngd	N/A
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	428	486	457
Chromium	ppm	ASTM D5185m >10	3	3	3
Nickel	ppm	ASTM D5185m >10	6	12	11
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	4	9	8
Lead	ppm	ASTM D5185m >25	▲ 51	1	0
Copper	ppm	ASTM D5185m >100	43	5	3
Tin	ppm	ASTM D5185m >10	2	<1	<1
Vanadium	ppm	ASTM D5185m	<1	<1	0
Cadmium	ppm	ASTM D5185m	0	<1	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	173	177	181
Barium	ppm	ASTM D5185m 1	2	9	2
Molybdenum	ppm	ASTM D5185m	<1	<1	<1
Manganese	ppm	ASTM D5185m	13	13	13
Magnesium	ppm	ASTM D5185m 1	2	5	2
Calcium	ppm	ASTM D5185m 7	11	21	17
Phosphorus	ppm	ASTM D5185m 1145	1556	1568	1476
Zinc	ppm	ASTM D5185m 3	47	36	30
Sulfur	ppm	ASTM D5185m 17909	25889	26641	28387

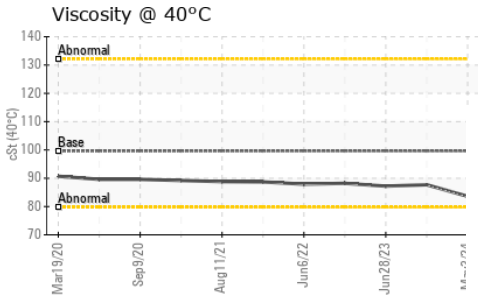
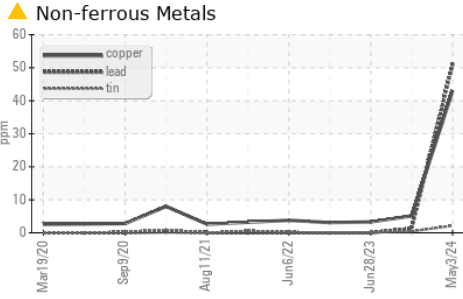
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	64	▲ 89	▲ 83
Sodium	ppm	ASTM D5185m	11	22	22
Potassium	ppm	ASTM D5185m >20	6	8	6

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	NONE	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 >.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

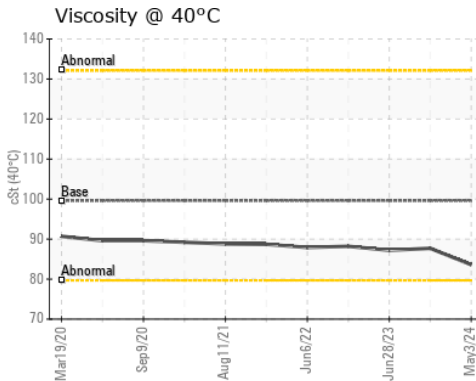
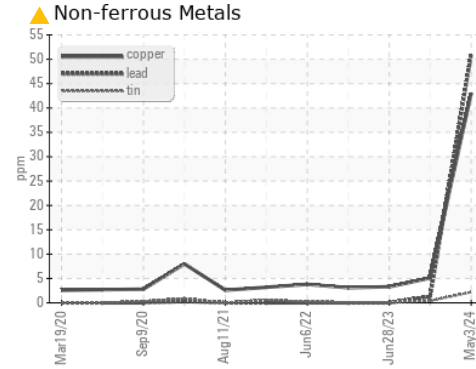
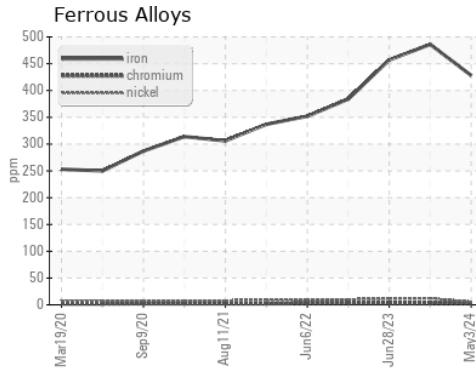


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	99.6	83.6	87.7	87.2

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. : PCA0095529
Lab Number : **06174453**
Unique Number : 11020506
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: