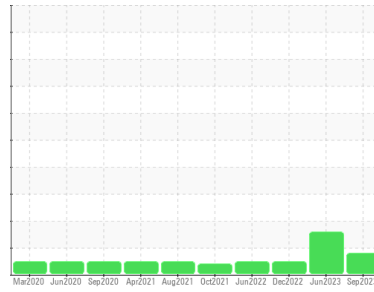


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
VOLVO VN12 26594 (S/N 4V4WC9EH1JN598492)
 Component
Front 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		PCA0105547	PCA0100532	PCA0085280
Sample Date	Client Info		29 Sep 2023	28 Jun 2023	21 Dec 2022
Machine Age	mls	Client Info	518714	495844	439639
Oil Age	mls	Client Info	518714	495844	439639
Oil Changed	Client Info		Not Chngd	N/A	N/A
Sample Status			ABNORMAL	ABNORMAL	NORMAL

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	460	454	382
Chromium	ppm	ASTM D5185m >10	3	3	3
Nickel	ppm	ASTM D5185m >10	6	11	10
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	4	8	8
Lead	ppm	ASTM D5185m >25	▲ 47	0	0
Copper	ppm	ASTM D5185m >100	41	3	3
Tin	ppm	ASTM D5185m >10	2	0	0
Vanadium	ppm	ASTM D5185m	<1	0	<1
Cadmium	ppm	ASTM D5185m	<1	<1	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	181	180	160
Barium	ppm	ASTM D5185m 1	2	2	0
Molybdenum	ppm	ASTM D5185m	<1	<1	<1
Manganese	ppm	ASTM D5185m	13	13	11
Magnesium	ppm	ASTM D5185m 1	2	2	4
Calcium	ppm	ASTM D5185m 7	10	17	20
Phosphorus	ppm	ASTM D5185m 1145	1566	1485	1361
Zinc	ppm	ASTM D5185m 3	52	30	28
Sulfur	ppm	ASTM D5185m 17909	26577	27424	24136

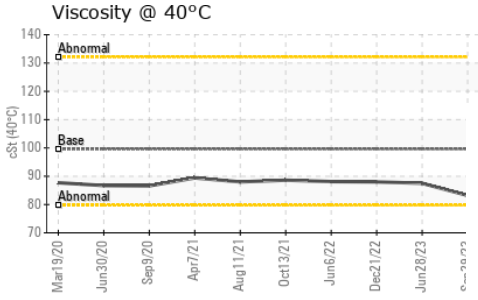
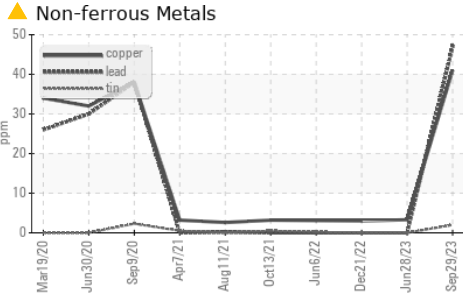
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	62	▲ 81	65
Sodium	ppm	ASTM D5185m	12	22	20
Potassium	ppm	ASTM D5185m >20	6	6	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

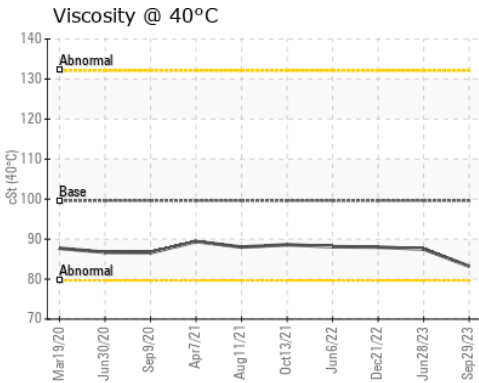
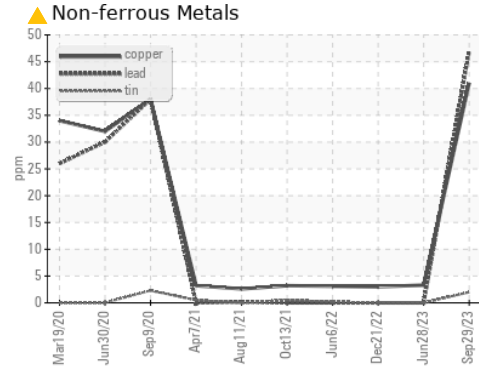
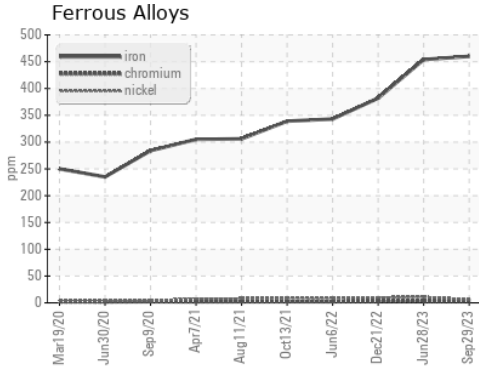


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	83.2	87.5	88.0

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. : PCA0105547
Lab Number : **06174468**
Unique Number : 11020521
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: