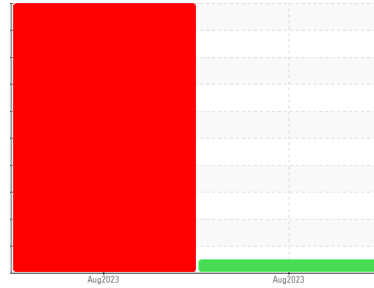


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
VOLVO TRACTOR 26446 (S/N 4V4MC9EG3HN985335)
 Component
Differential
 Fluid
GEAR OIL SAE 80 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All 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		PCA0102797	PCA0102799	---
Sample Date	Client Info		29 Aug 2023	23 Aug 2023	---
Machine Age	hrs	Client Info	0	183043	---
Oil Age	hrs	Client Info	0	183043	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			NORMAL	SEVERE	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	341	1523	---
Chromium	ppm	ASTM D5185m >10	3	14	---
Nickel	ppm	ASTM D5185m >10	7	11	---
Titanium	ppm	ASTM D5185m	0	<1	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	6	8	---
Lead	ppm	ASTM D5185m >25	0	40	---
Copper	ppm	ASTM D5185m >100	3	62	---
Tin	ppm	ASTM D5185m >10	<1	5	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	196	154	---
Barium	ppm	ASTM D5185m 200	0	0	---
Molybdenum	ppm	ASTM D5185m 12	0	<1	---
Manganese	ppm	ASTM D5185m	18	28	---
Magnesium	ppm	ASTM D5185m 12	1	10	---
Calcium	ppm	ASTM D5185m 150	32	36	---
Phosphorus	ppm	ASTM D5185m 1650	1446	1479	---
Zinc	ppm	ASTM D5185m 125	17	86	---
Sulfur	ppm	ASTM D5185m 22500	29215	29005	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	40	56	---
Sodium	ppm	ASTM D5185m	7	11	---
Potassium	ppm	ASTM D5185m >20	5	6	---

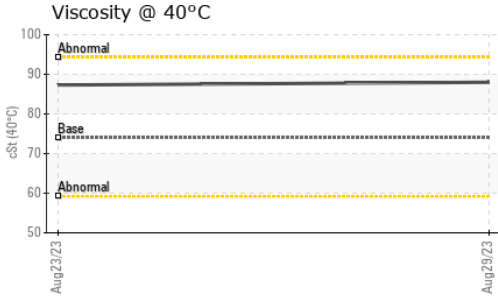
VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	NONE	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >.2	NEG	0.2%	---
Free Water	scalar	*Visual	NEG	NEG	---

FLUID PROPERTIES

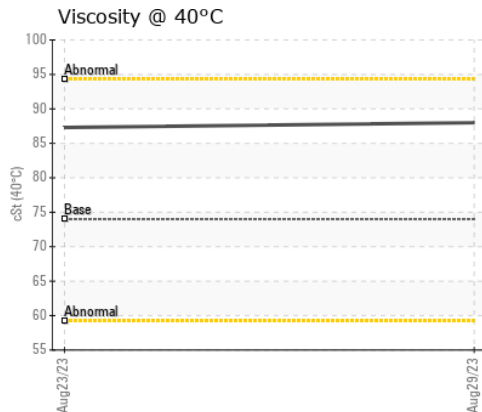
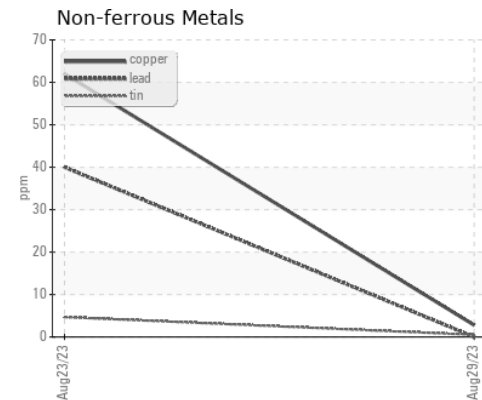
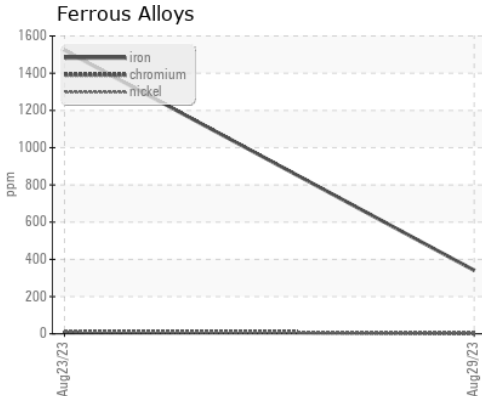
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 74	88.0	87.3	---

OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
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. : PCA0102797 **Received** : 30 Aug 2023
Lab Number : 05939377 **Diagnosed** : 01 Sep 2023
Unique Number : 10629989 **Diagnostician** : Sean Felton
Test Package : FLEET

PERDUE FARMS - DILLON
 2047 HWY 9 WEST
 DILLON, SC
 US 29536
 Contact: KEVIN HOOKS
 kevin.hooks@perdue.com
 T: (843)841-8069
 F: (843)841-8070

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)