

PROBLEM SUMMARY

Sample Rating Trend



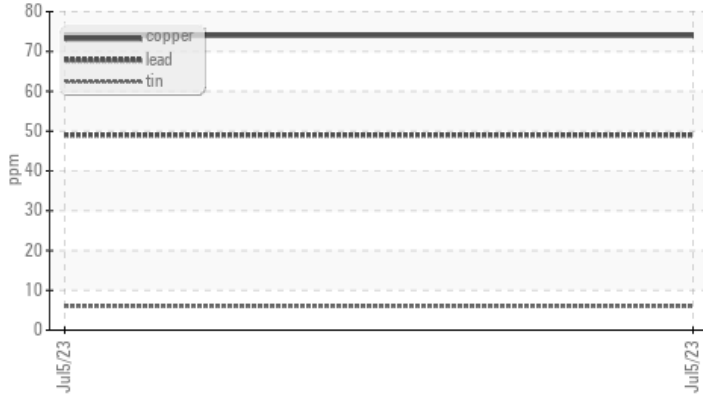
WEAR



Machine Id
VOLVO VNR64T640 26639
 Component
Front Differential
 Fluid
GEAR OIL SAE 75W90 (--- QTS)

COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



▲ Ferrous Alloys



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>500	▲ 526	---	---
Lead	ppm	ASTM D5185m	>25	▲ 49	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: PERLEWNC
 Sample No.: PCA0099022
 Lab Number: 05894081
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

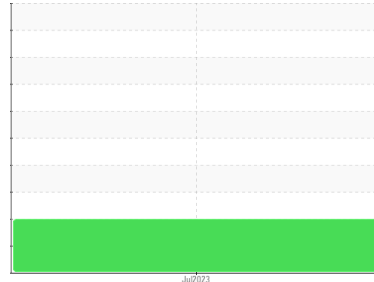
RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
VOLVO VNR64T640 26639
 Component
Front Differential
 Fluid
GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

▲ Recommendation

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

▲ Wear

The lead level is abnormal. Gear wear is indicated.

▲ Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

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

SAMPLE INFORMATION	method	limit/base	current	history 1	history 2
Sample Number	Client Info		PCA0099022	---	---
Sample Date	Client Info		05 Jul 2023	---	---
Machine Age	mls	Client Info	434627	---	---
Oil Age	mls	Client Info	434627	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m >500	▲ 526	---	---
Chromium	ppm	ASTM D5185m >10	3	---	---
Nickel	ppm	ASTM D5185m >10	8	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	<1	---	---
Aluminum	ppm	ASTM D5185m >25	3	---	---
Lead	ppm	ASTM D5185m >25	▲ 49	---	---
Copper	ppm	ASTM D5185m >100	74	---	---
Tin	ppm	ASTM D5185m >10	6	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m 400	189	---	---
Barium	ppm	ASTM D5185m 200	2	---	---
Molybdenum	ppm	ASTM D5185m 12	1	---	---
Manganese	ppm	ASTM D5185m	14	---	---
Magnesium	ppm	ASTM D5185m 12	8	---	---
Calcium	ppm	ASTM D5185m 150	16	---	---
Phosphorus	ppm	ASTM D5185m 1650	1394	---	---
Zinc	ppm	ASTM D5185m 125	45	---	---
Sulfur	ppm	ASTM D5185m 22500	23198	---	---

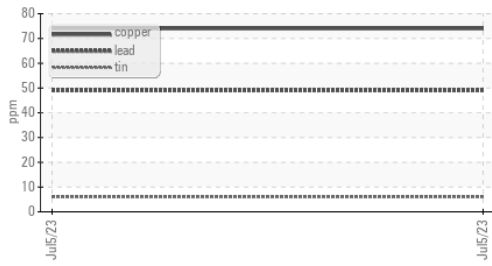
CONTAMINANTS	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m >75	72	---	---
Sodium	ppm	ASTM D5185m	7	---	---
Potassium	ppm	ASTM D5185m >20	6	---	---

VISUAL	method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	▲ MODER	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >.2	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445 109	103	---	---

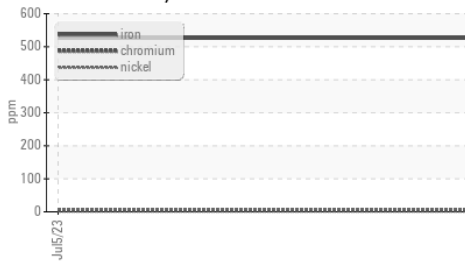
OIL ANALYSIS REPORT

▲ Non-ferrous Metals



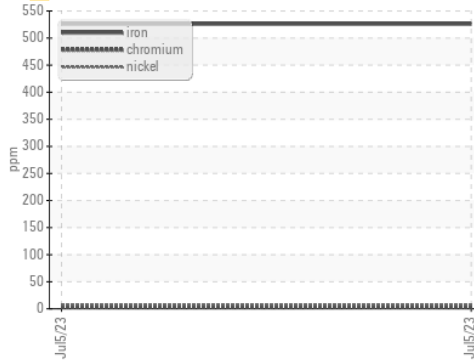
SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color			no image	no image	no image
Bottom			no image	no image	no image

▲ Ferrous Alloys



GRAPHS

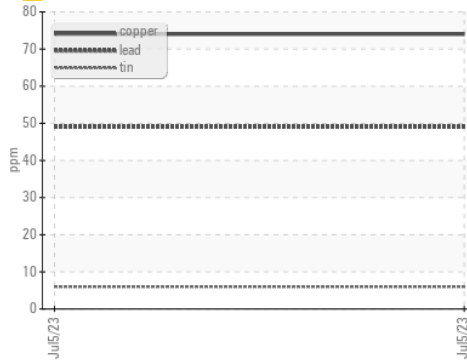
▲ Ferrous Alloys



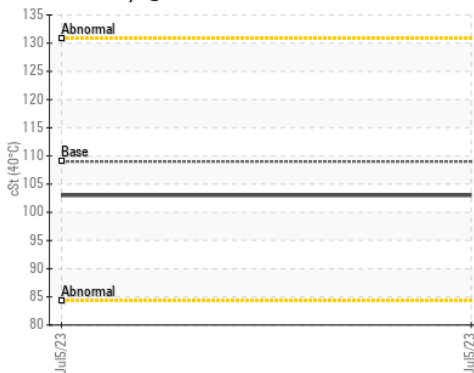
Viscosity @ 40°C



▲ Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0099022 **Received** : 10 Jul 2023
Lab Number : 05894081 **Diagnosed** : 12 Jul 2023
Unique Number : 10549891 **Diagnostician** : Don Baldrige
Test Package : FLEET

PERDUE FARMS - Lewiston
 210 GRIFFINS QUARTER RD
 LEWISTON, NC
 US 27849
 Contact: NELSON WALLACE
 nelson.wallace2@perdue.com

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: