



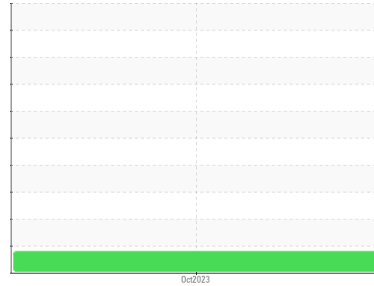
PROBLEM SUMMARY

Sample Rating Trend

WEAR



Machine Id
KENWORTH 3904
Component
Front Differential
Fluid
NOT GIVEN (--- QTS)



COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

No corrective action is recommended at this time.
Resample at the next service interval to monitor.
Please specify the brand, type, and viscosity of the oil on your next sample.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>500	▲ 622	---	---

Customer Id: LTILYN
Sample No.: WCMFB85531
Lab Number: 05996020
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

Action	Status	Date	Done By	Description
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
KENWORTH 3904

Component
Front Differential
Fluid
NOT GIVEN (--- QTS)



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

Gear wear is indicated. 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	WCMFB85531	---	---
Sample Date	Client Info	31 Oct 2023	---	---
Machine Age	mls	Client Info	0	---
Oil Age	mls	Client Info	0	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >500	▲ 622	---	---
Chromium ppm	ASTM D5185m >10	5	---	---
Nickel ppm	ASTM D5185m >10	5	---	---
Titanium ppm	ASTM D5185m	<1	---	---
Silver ppm	ASTM D5185m	0	---	---
Aluminum ppm	ASTM D5185m >25	4	---	---
Lead ppm	ASTM D5185m >25	2	---	---
Copper ppm	ASTM D5185m >100	30	---	---
Tin ppm	ASTM D5185m >10	2	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	198	---	---
Barium ppm	ASTM D5185m	0	---	---
Molybdenum ppm	ASTM D5185m	2	---	---
Manganese ppm	ASTM D5185m	7	---	---
Magnesium ppm	ASTM D5185m	4	---	---
Calcium ppm	ASTM D5185m	15	---	---
Phosphorus ppm	ASTM D5185m	1295	---	---
Zinc ppm	ASTM D5185m	7	---	---
Sulfur ppm	ASTM D5185m	25224	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >75	35	---	---
Sodium ppm	ASTM D5185m	2	---	---
Potassium ppm	ASTM D5185m >20	2	---	---

VISUAL

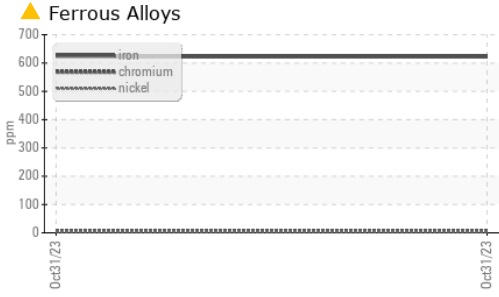
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	NONE	---	---
Yellow Metal scalar	*Visual NONE	NONE	---	---
Precipitate scalar	*Visual NONE	NONE	---	---
Silt scalar	*Visual NONE	NONE	---	---
Debris scalar	*Visual NONE	NONE	---	---
Sand/Dirt scalar	*Visual NONE	NONE	---	---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

FLUID PROPERTIES

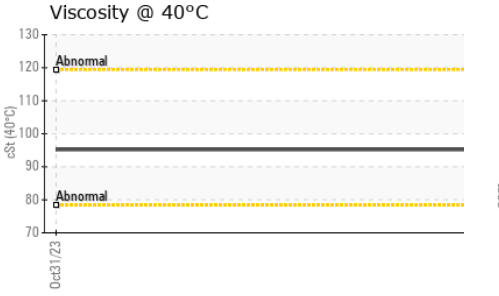
method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445	95.2	---	---



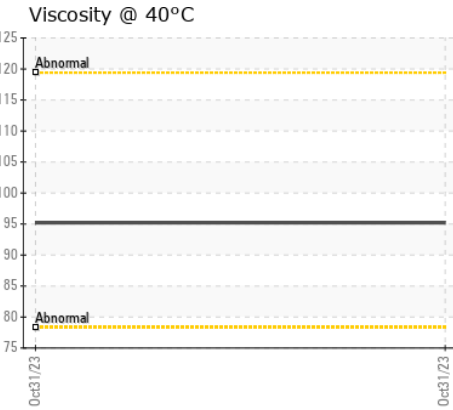
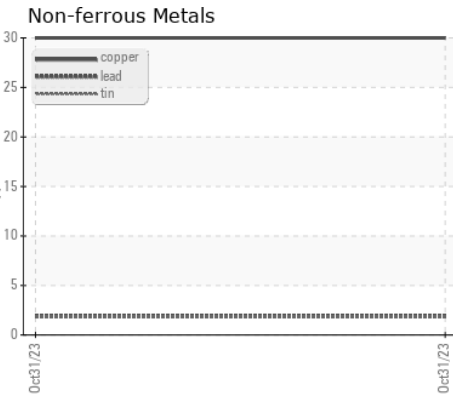
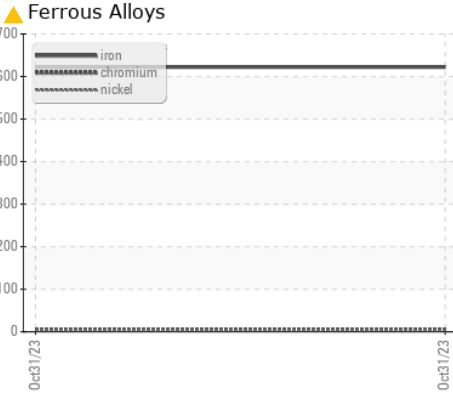
OIL ANALYSIS REPORT



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. : WCMFB85531
Lab Number : 05996020
Unique Number : 10724380
Test Package : FLEET

Received : 01 Nov 2023
Diagnosed : 03 Nov 2023
Diagnostician : Don Baldrige

LTI/MILKY WAY - MOUNT VERNON
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 MOUNT VERNON, WA
 US 98273
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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)