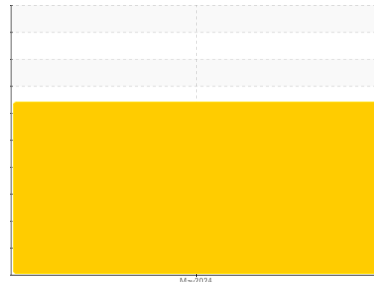




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
KENWORTH 3042
 Component
Transmission (Manual)
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

We recommend that you drain the fluid from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

▲ Wear

The aluminum level is severe.

▲ Contamination

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

Fluid Condition

The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WCMFB56994	---	---
Sample Date	Client Info		30 May 2024	---	---
Machine Age	mls	Client Info	0	---	---
Oil Age	mls	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	155	---
Chromium	ppm	ASTM D5185m	>5	1	---
Nickel	ppm	ASTM D5185m	>5	<1	---
Titanium	ppm	ASTM D5185m		<1	---
Silver	ppm	ASTM D5185m	>7	0	---
Aluminum	ppm	ASTM D5185m	>25	▲ 158	---
Lead	ppm	ASTM D5185m	>45	1	---
Copper	ppm	ASTM D5185m	>225	50	---
Tin	ppm	ASTM D5185m	>10	0	---
Vanadium	ppm	ASTM D5185m		<1	---
Cadmium	ppm	ASTM D5185m		<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		310	---
Barium	ppm	ASTM D5185m		<1	---
Molybdenum	ppm	ASTM D5185m		1	---
Manganese	ppm	ASTM D5185m		7	---
Magnesium	ppm	ASTM D5185m		3	---
Calcium	ppm	ASTM D5185m		63	---
Phosphorus	ppm	ASTM D5185m		1209	---
Zinc	ppm	ASTM D5185m		34	---
Sulfur	ppm	ASTM D5185m		642	---

CONTAMINANTS

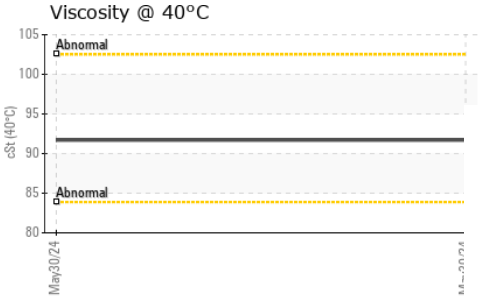
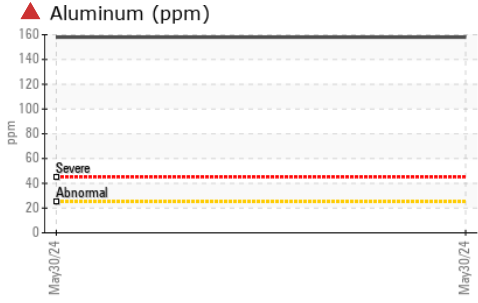
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	24	---
Sodium	ppm	ASTM D5185m		18	---
Potassium	ppm	ASTM D5185m	>20	5	---

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	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---



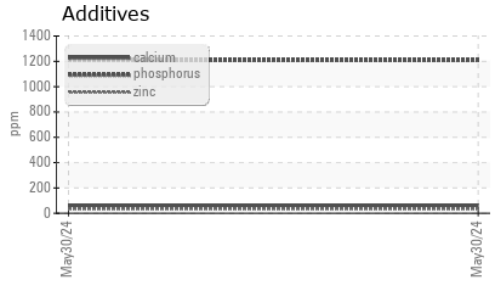
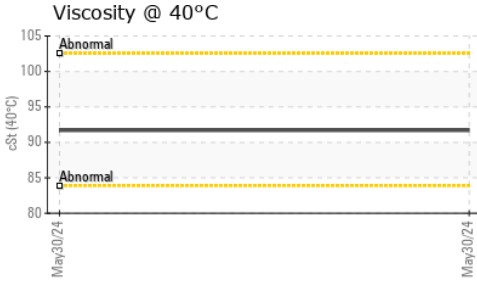
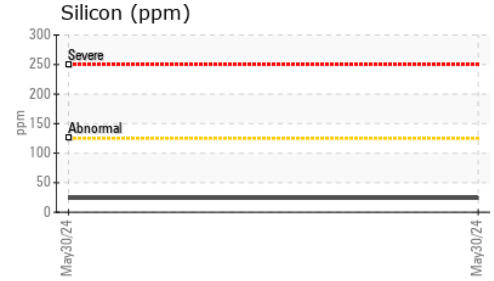
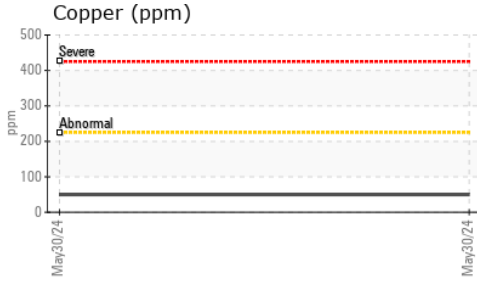
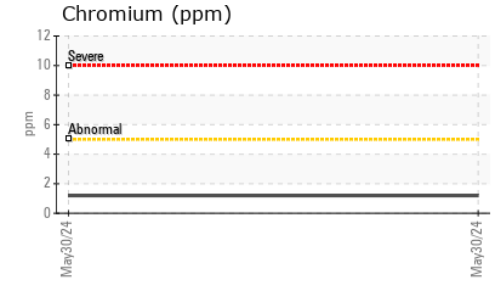
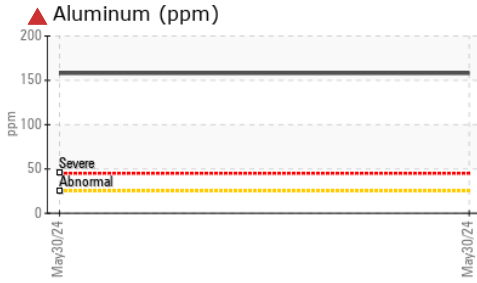
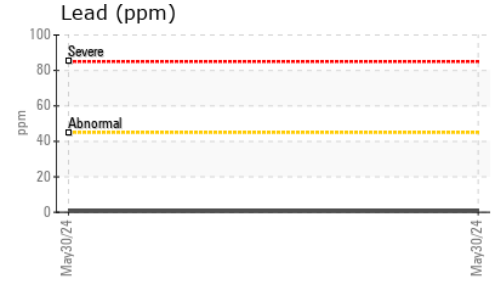
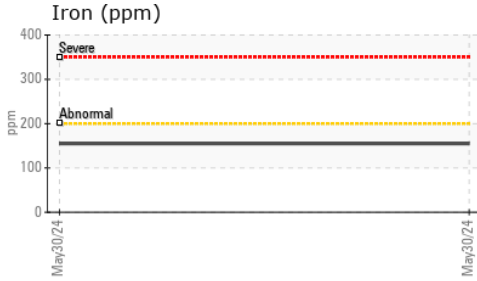
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	91.7	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WCMFB56994 **Received** : 31 May 2024
Lab Number : 06197173 **Tested** : 03 Jun 2024
Unique Number : 11059296 **Diagnosed** : 04 Jun 2024 - Don Baldrige
Test Package : MOB 1

LTI/MILKY WAY - JEROME
 P.O. BOX 348
 JEROME, ID
 US 83338
 Contact: Cesar ESPINO
 cespino@lynden.com
 T: (208)731-3822
 F: (208)324-1176

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)