

PROBLEM SUMMARY

Area
CEC-R
 Machine Id
LINK-BELT RTC-8050 II J6L1-6960
 Component
Center Transmission (Manual)
 Fluid
TO-4 (--- GAL)

Sample Rating Trend

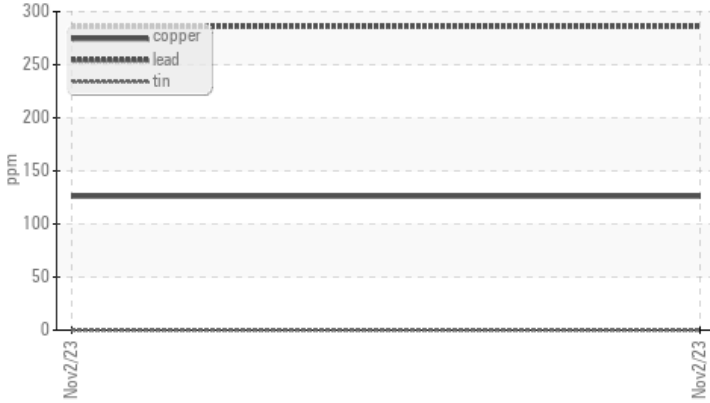


WEAR



COMPONENT CONDITION SUMMARY

Non-ferrous Metals



RECOMMENDATION

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. (Customer Sample Comment: Transmission fluid type is TO-4)

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Lead	ppm	ASTM D5185m	>45	● 286	---	---
Copper	ppm	ASTM D5185m	>225	▲ 126	---	---

Customer Id: LBCP103900
Sample No.: LBC0000207
Lab Number: 06000846
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

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DIAGNOSIS

Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. (Customer Sample Comment: Transmission fluid type is TO-4)

Wear

Clutch wear is indicated.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		LBC0000207	---	---
Sample Date	Client Info		02 Nov 2023	---	---
Machine Age	hrs	Client Info	721	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			SEVERE	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	6	---	---
Chromium	ppm	ASTM D5185m >5	<1	---	---
Nickel	ppm	ASTM D5185m >5	0	---	---
Titanium	ppm	ASTM D5185m	2	---	---
Silver	ppm	ASTM D5185m >7	<1	---	---
Aluminum	ppm	ASTM D5185m >25	2	---	---
Lead	ppm	ASTM D5185m >45	286	---	---
Copper	ppm	ASTM D5185m >225	126	---	---
Tin	ppm	ASTM D5185m >10	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	29	---	---
Barium	ppm	ASTM D5185m	5	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	7	---	---
Calcium	ppm	ASTM D5185m	1815	---	---
Phosphorus	ppm	ASTM D5185m	728	---	---
Zinc	ppm	ASTM D5185m	818	---	---
Sulfur	ppm	ASTM D5185m	3104	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >125	8	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---

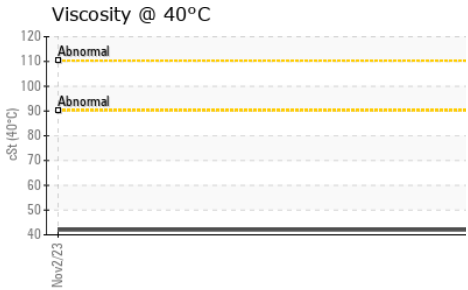
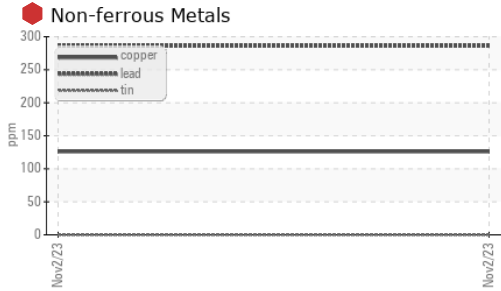
VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	LIGHT	---	---
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 >0.1	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES

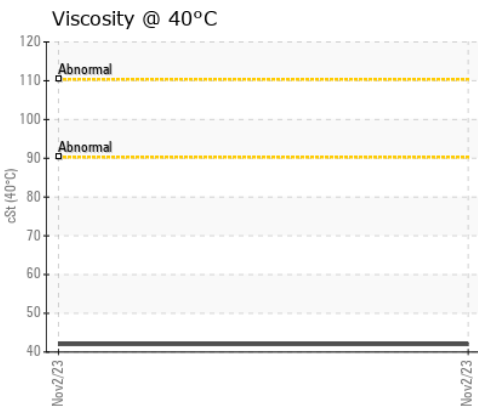
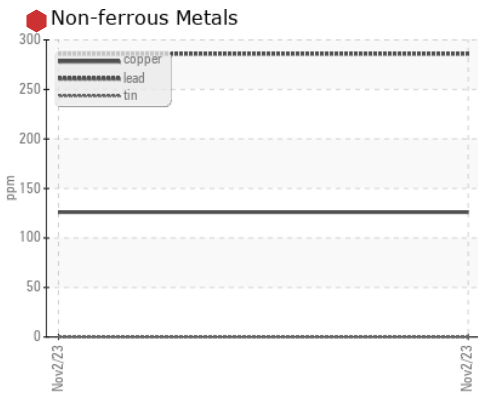
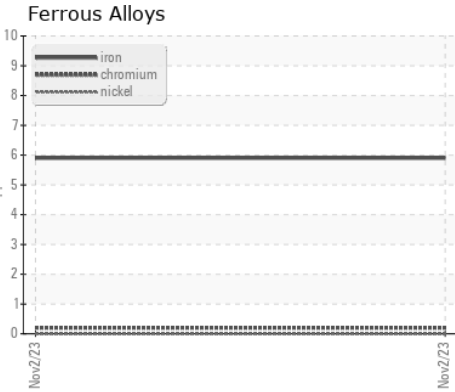
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.0	---	---

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. : LBC0000207
Lab Number : 06000846
Unique Number : 10729206
Test Package : CONST

Columbus Equipment Co. - P103900
 2329 Performance Way
 Columbus, OH
 US 43207
 Contact: Tanner Web
 tannerw@columbusequipment.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: