



PROBLEM SUMMARY



Area
KANSAS/44
 Machine Id
20.022L [KANSAS^44]
 Component
Right Final Drive
 Fluid
NOT GIVEN (--- GAL)

Sample Rating Trend



WEAR



COMPONENT CONDITION SUMMARY

▲ 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 >800	▲ 849	---
Chromium	ppm	ASTM D5185m >10	▲ 17	---

Customer Id: SHEWIC
 Sample No.: WC0665270
 Lab Number: 05961498
 Test Package: CONST



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



Area
KANSAS/44
Machine Id
20.022L [KANSAS^44]
Component
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Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

▲ Recommendation

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

▲ 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	WC0665270	---	---
Sample Date	Client Info	20 Sep 2023	---	---
Machine Age	hrs Client Info	4764	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>800	▲ 849	---	---
Chromium ppm ASTM D5185m	>10	▲ 17	---	---
Nickel ppm ASTM D5185m	>5	2	---	---
Titanium ppm ASTM D5185m	>15	1	---	---
Silver ppm ASTM D5185m	>2	0	---	---
Aluminum ppm ASTM D5185m	>75	13	---	---
Lead ppm ASTM D5185m	>10	<1	---	---
Copper ppm ASTM D5185m	>75	8	---	---
Tin ppm ASTM D5185m	>8	0	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		14	---	---
Barium ppm ASTM D5185m		32	---	---
Molybdenum ppm ASTM D5185m		15	---	---
Manganese ppm ASTM D5185m		9	---	---
Magnesium ppm ASTM D5185m		10	---	---
Calcium ppm ASTM D5185m		3349	---	---
Phosphorus ppm ASTM D5185m		570	---	---
Zinc ppm ASTM D5185m		750	---	---
Sulfur ppm ASTM D5185m		2823	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>400	89	---	---
Sodium ppm ASTM D5185m		3	---	---
Potassium ppm ASTM D5185m	>20	7	---	---

VISUAL

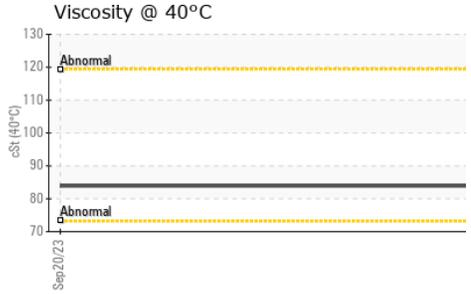
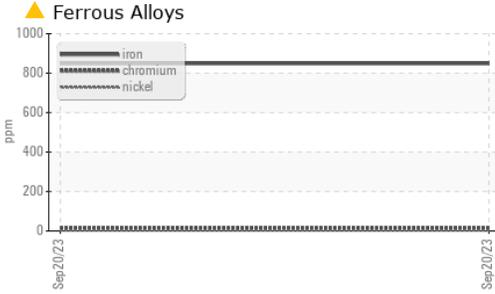
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	NONE	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---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

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445		83.9	---	---

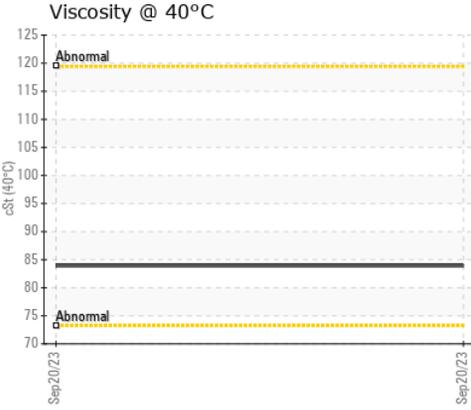
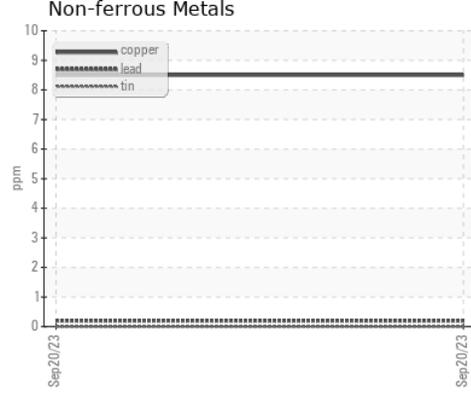
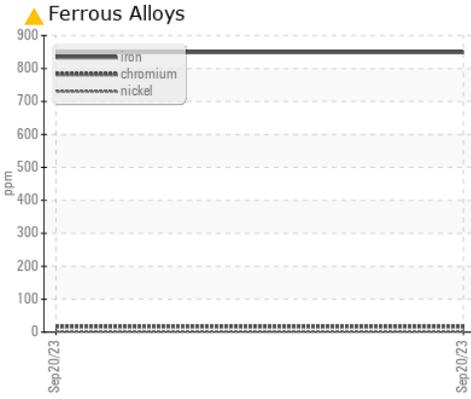


OIL ANALYSIS REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0665270 **Received** : 26 Sep 2023
Lab Number : 05961498 **Diagnosed** : 28 Sep 2023
Unique Number : 10662711 **Diagnostician** : Don Baldrige
Test Package : CONST

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Certificate L2367
 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)