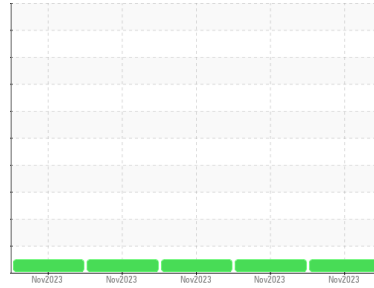




# OIL ANALYSIS REPORT

Sample Rating Trend

UNKNOWN



Area  
**[CAN 196 RECD 9/20/23]**  
 Machine Id  
**ASTM LU 2309**  
 Component  
**New (Unused) Oil**  
 Fluid  
**NOT GIVEN (--- QTS)**

## DIAGNOSIS

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC110223SB</b>	WC110223CE	WC11223CP
Sample Date	Client Info			<b>02 Nov 2023</b>	02 Nov 2023	02 Nov 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>---</b>	---	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		---	---	0
Chromium	ppm	ASTM D5185m		---	---	<1
Nickel	ppm	ASTM D5185m		---	---	<1
Titanium	ppm	ASTM D5185m		---	---	0
Silver	ppm	ASTM D5185m		---	---	<1
Aluminum	ppm	ASTM D5185m		---	---	2
Lead	ppm	ASTM D5185m		---	---	0
Copper	ppm	ASTM D5185m		---	---	0
Tin	ppm	ASTM D5185m		---	---	0
Vanadium	ppm	ASTM D5185m		---	---	<1
Cadmium	ppm	ASTM D5185m		---	---	0

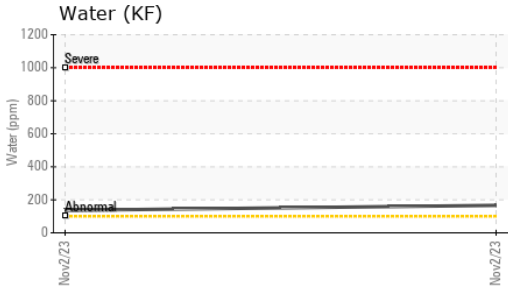
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		---	---	60
Barium	ppm	ASTM D5185m		---	---	0
Molybdenum	ppm	ASTM D5185m		---	---	72
Manganese	ppm	ASTM D5185m		---	---	<1
Magnesium	ppm	ASTM D5185m		---	---	485
Calcium	ppm	ASTM D5185m		---	---	1154
Phosphorus	ppm	ASTM D5185m		---	---	718
Zinc	ppm	ASTM D5185m		---	---	849
Sulfur	ppm	ASTM D5185m		---	---	2544

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		---	---	10
Sodium	ppm	ASTM D5185m		---	---	0
Potassium	ppm	ASTM D5185m	>20	---	---	2
Water	%	ASTM D6304		<b>0.016</b>	---	---
ppm Water	ppm	ASTM D6304		<b>166.4</b>	---	---

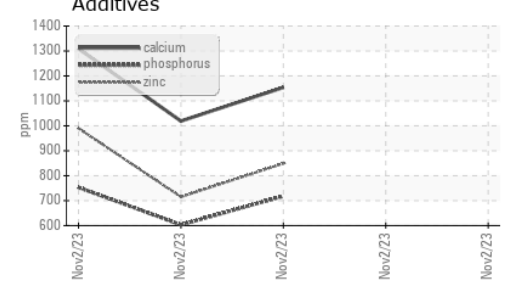
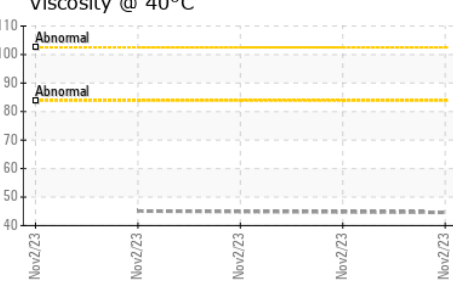
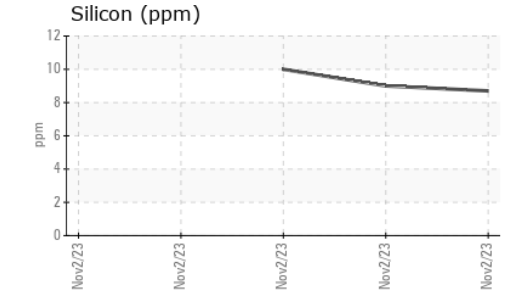
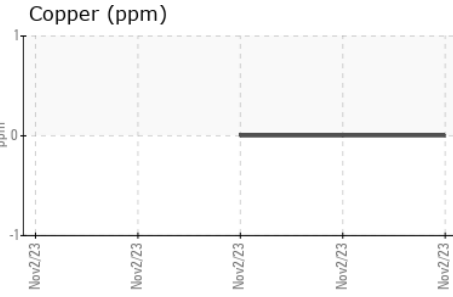
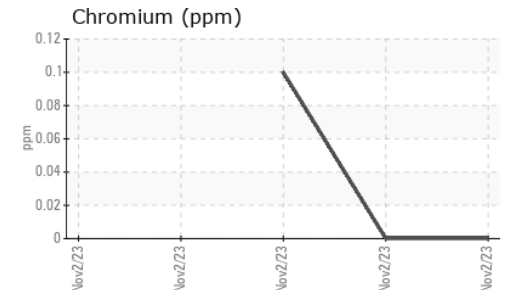
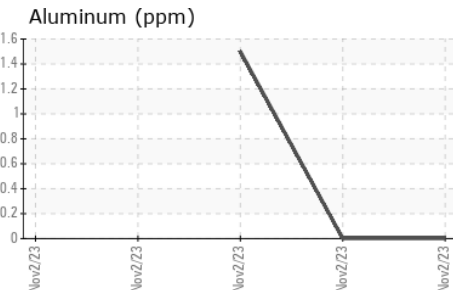
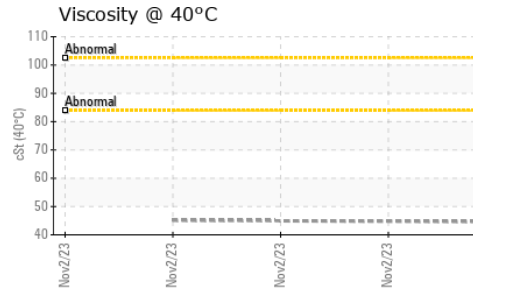
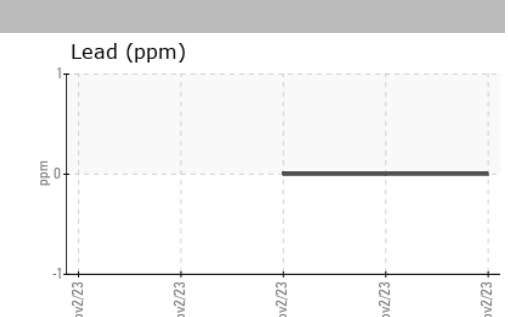
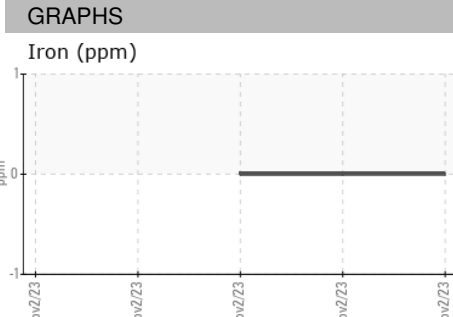
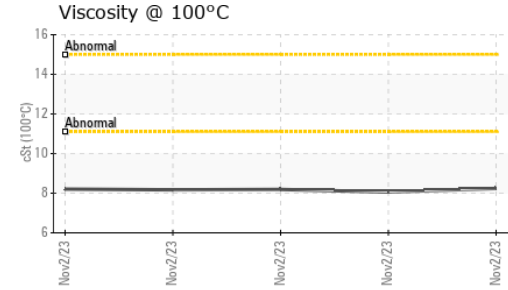
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>▲ 44.63</b>	---	---
Visc @ 100°C	cSt	ASTM D445		<b>▲ 8.24</b>	8.06	8.19
Viscosity Index (VI)	Scale	ASTM D2270		<b>161</b>	---	---



# 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



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC110223SB **Received** : 02 Nov 2023  
**Lab Number** : 05997596 **Diagnosed** : 02 Jan 2024  
**Unique Number** : 10725956 **Diagnostician** : System  
**Test Package** : MOB 1 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, VI )

**WEARCHECK LUBRICATION SERVICES PT ACCOUNT**  
 501 Madison Ave  
 Cary, NC  
 US 27513  
 Contact: Doug Bogart  
 dbogart@wearcheckusa.com  
 T:  
 F: (919)379-4050

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)