



# OIL ANALYSIS REPORT

WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**26146**  
 Component  
**Right Final Drive**  
 Fluid  
**GEAR OIL SAE 80W90 (--- QTS)**

## RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

## WEAR

Gear wear is indicated.

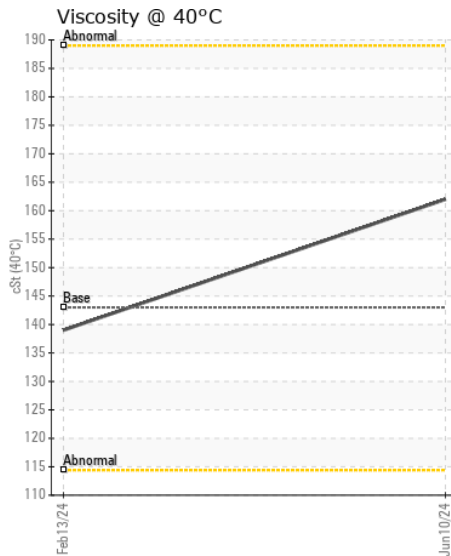
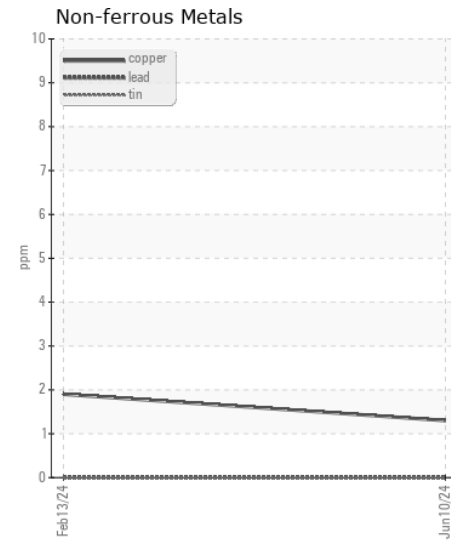
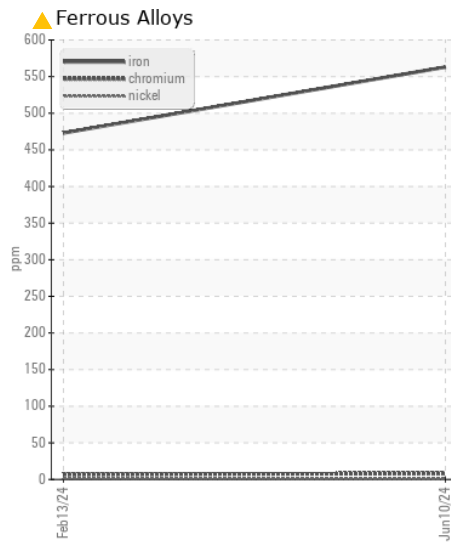
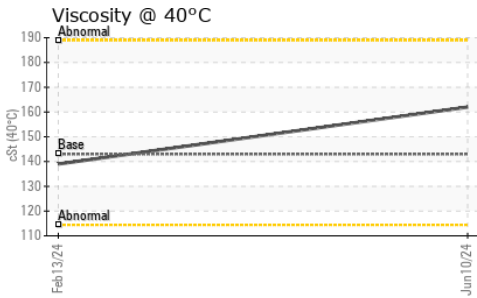
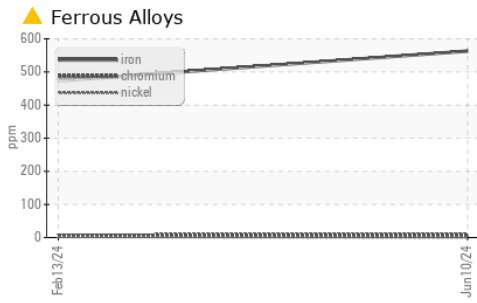
## CONTAMINATION

There is no indication of any contamination in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0924411</b>	WC0846599	---
Sample Date		Client Info		<b>10 Jun 2024</b>	13 Feb 2024	---
Machine Age	hrs	Client Info		<b>787</b>	274	---
Oil Age	hrs	Client Info		<b>1000</b>	500	---
Filter Age	hrs	Client Info		<b>1000</b>	500	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Not Changed	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---
<hr/>						
Iron	ppm	ASTM D5185m	>500	<b>▲ 563</b>	473	---
Chromium	ppm	ASTM D5185m	>10	<b>8</b>	7	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	2	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>7</b>	14	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>1</b>	2	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
<hr/>						
Silicon	ppm	ASTM D5185m	>75	<b>25</b>	53	---
Potassium	ppm	ASTM D5185m	>20	<b>12</b>	9	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>MODER</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---
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Sodium	ppm	ASTM D5185m	>170	<b>11</b>	7	---
Boron	ppm	ASTM D5185m	400	<b>8</b>	5	---
Barium	ppm	ASTM D5185m	200	<b>48</b>	47	---
Molybdenum	ppm	ASTM D5185m	12	<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>7</b>	5	---
Magnesium	ppm	ASTM D5185m	12	<b>3</b>	6	---
Calcium	ppm	ASTM D5185m	150	<b>22</b>	17	---
Phosphorus	ppm	ASTM D5185m	1650	<b>1683</b>	169	---
Zinc	ppm	ASTM D5185m	125	<b>16</b>	3	---
Sulfur	ppm	ASTM D5185m	22500	<b>23920</b>	16622	---
Visc @ 40°C	cSt	ASTM D445	143	<b>162</b>	139	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : WC0924411

**Lab Number** : 06215041

**Unique Number** : 11087905

**Test Package** : CONST

**Received** : 19 Jun 2024

**Tested** : 20 Jun 2024

**Diagnosed** : 21 Jun 2024 - Sean Felton

**SULLIVAN EASTERN INC**

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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)