



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
26146
 Component
Left 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

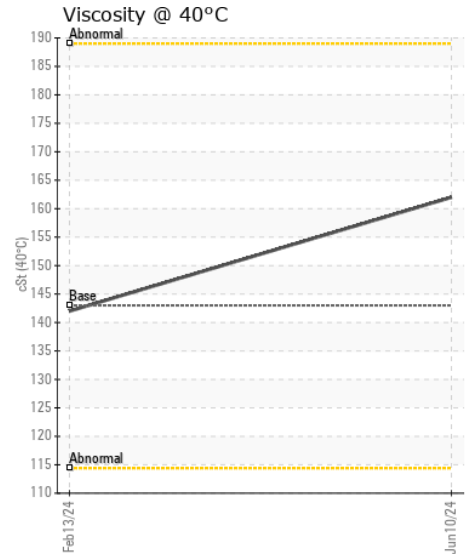
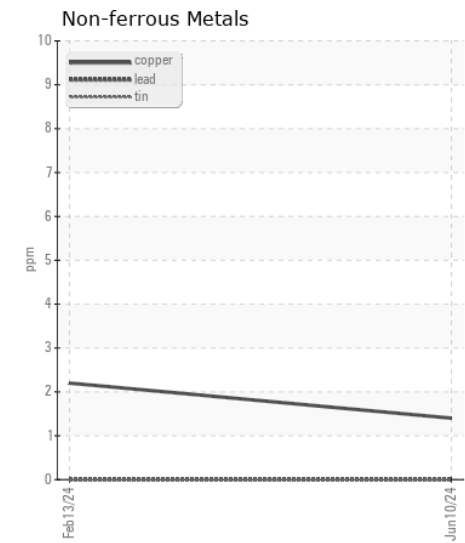
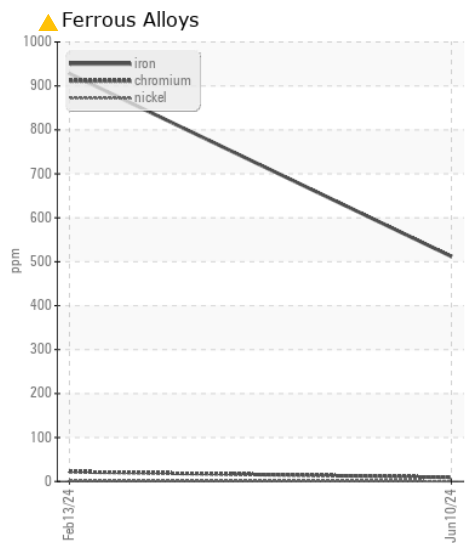
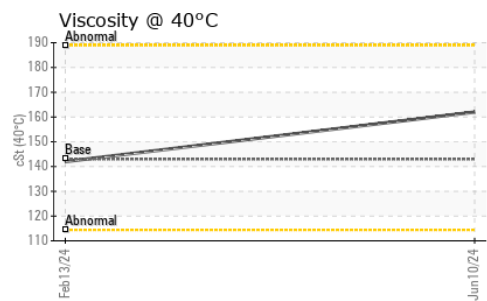
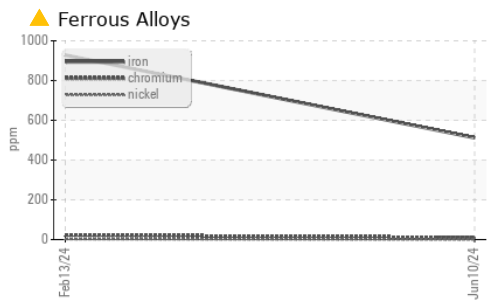
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0924410	WC0846598	---
Sample Date		Client Info		10 Jun 2024	13 Feb 2024	---
Machine Age	hrs	Client Info		787	274	---
Oil Age	hrs	Client Info		1000	500	---
Filter Age	hrs	Client Info		1000	500	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Not Changed	---
Sample Status				ABNORMAL	ABNORMAL	---

Iron	ppm	ASTM D5185m	>500	▲ 512	▲ 928	---
Chromium	ppm	ASTM D5185m	>10	9	▲ 22	---
Nickel	ppm	ASTM D5185m	>10	<1	2	---
Titanium	ppm	ASTM D5185m		<1	2	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	6	● 17	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>50	1	2	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

Silicon	ppm	ASTM D5185m	>75	20	▲ 65	---
Potassium	ppm	ASTM D5185m	>20	11	20	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

Sodium	ppm	ASTM D5185m	>170	10	13	---
Boron	ppm	ASTM D5185m	400	4	8	---
Barium	ppm	ASTM D5185m	200	42	108	---
Molybdenum	ppm	ASTM D5185m	12	<1	1	---
Manganese	ppm	ASTM D5185m		7	16	---
Magnesium	ppm	ASTM D5185m	12	2	24	---
Calcium	ppm	ASTM D5185m	150	22	34	---
Phosphorus	ppm	ASTM D5185m	1650	1644	283	---
Zinc	ppm	ASTM D5185m	125	18	11	---
Sulfur	ppm	ASTM D5185m	22500	24398	16700	---
Visc @ 40°C	cSt	ASTM D445	143	162	142	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0924410 **Received** : 19 Jun 2024
Lab Number : 06215042 **Tested** : 20 Jun 2024
Unique Number : 11087906 **Diagnosed** : 21 Jun 2024 - Sean Felton
Test Package : CONST

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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)