



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
30215
Component
Right Final Drive
Fluid
ISO 68 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

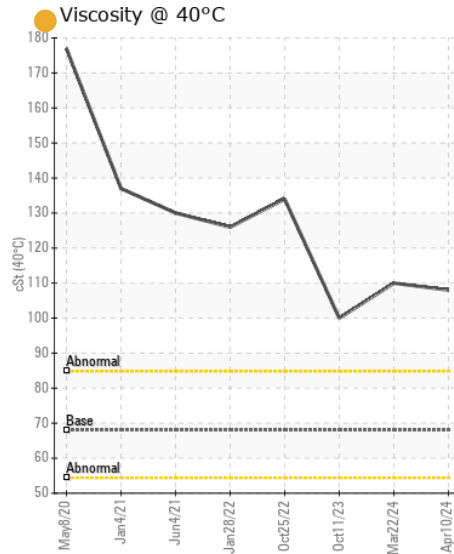
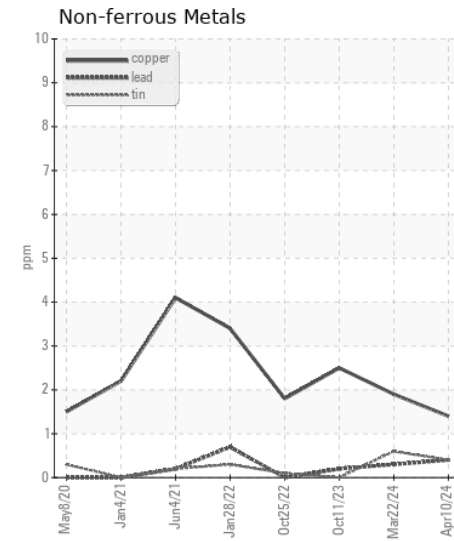
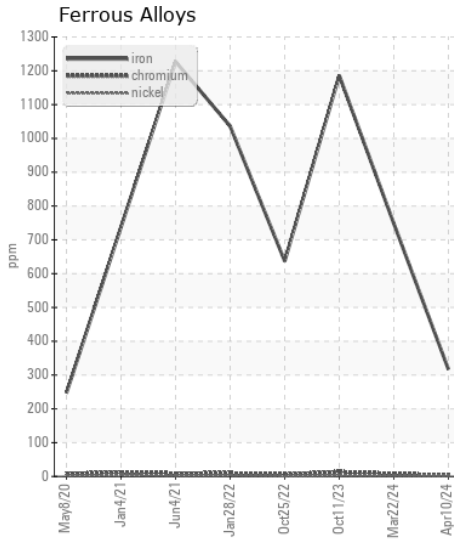
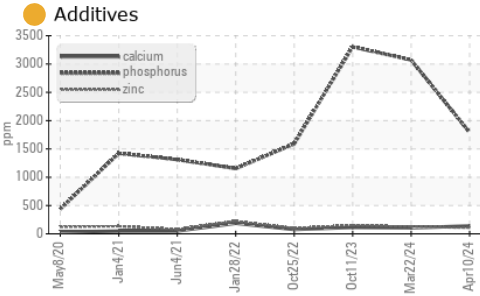
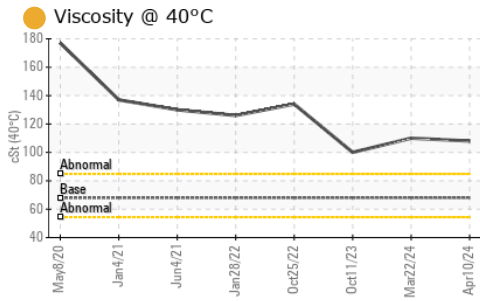
The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0913727	WC0913633	WC0856792
Sample Date		Client Info		10 Apr 2024	22 Mar 2024	11 Oct 2023
Machine Age	hrs	Client Info		0	1552	3980
Oil Age	hrs	Client Info		0	500	1000
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Changed	N/A	N/A
Sample Status				ATTENTION	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>500	317	▲ 748	▲ 1186
Chromium	ppm	ASTM D5185m	>10	4	8	▲ 14
Nickel	ppm	ASTM D5185m	>10	2	3	3
Titanium	ppm	ASTM D5185m		1	1	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	11	15	● 19
Lead	ppm	ASTM D5185m	>25	<1	<1	<1
Copper	ppm	ASTM D5185m	>50	1	2	2
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	37	56	▲ 83
Potassium	ppm	ASTM D5185m	>20	2	5	4
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		3	4	3
Boron	ppm	ASTM D5185m		● 121	115	150
Barium	ppm	ASTM D5185m		1	0	2
Molybdenum	ppm	ASTM D5185m		● 17	7	8
Manganese	ppm	ASTM D5185m		3	6	11
Magnesium	ppm	ASTM D5185m		● 65	26	29
Calcium	ppm	ASTM D5185m		● 141	103	113
Phosphorus	ppm	ASTM D5185m		● 1791	3072	3302
Zinc	ppm	ASTM D5185m		106	123	152
Sulfur	ppm	ASTM D5185m		● 17436	21519	18978
Visc @ 40°C	cSt	ASTM D445	68.0	● 108	110	100



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0913727
Lab Number : 06149134
Unique Number : 10979212
Test Package : CONST
Received : 15 Apr 2024
Tested : 16 Apr 2024
Diagnosed : 17 Apr 2024 - Sean Felton

SULLIVAN EASTERN INC
 2860 C SLATER RD
 MORRISVILLE, NC
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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)