



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
26144
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

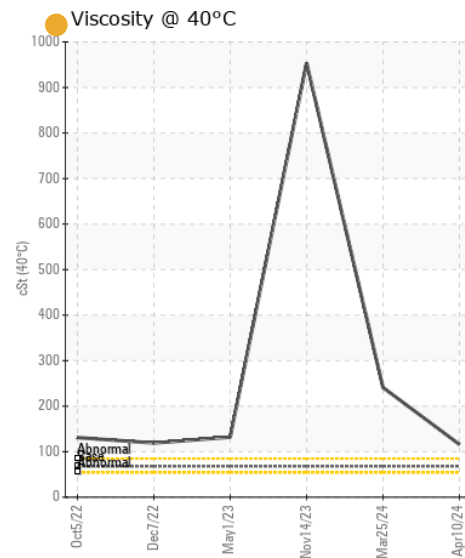
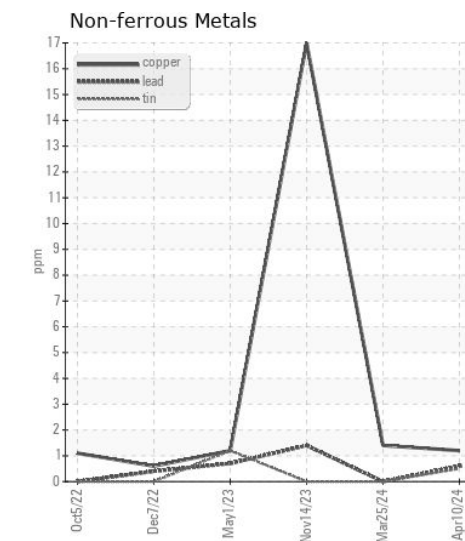
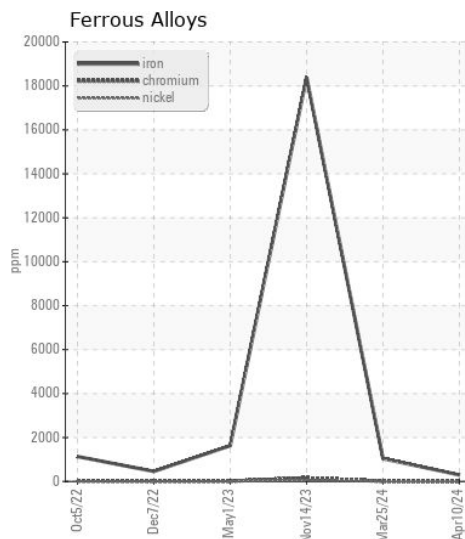
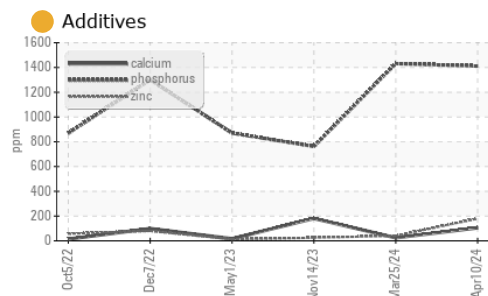
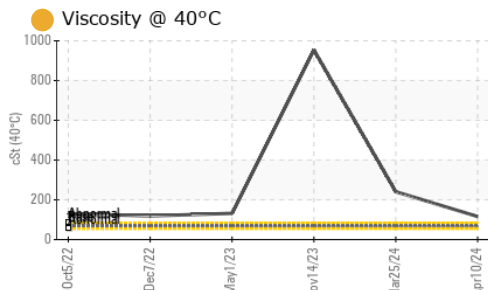
The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0905127	WC0913649	WC0857031
Sample Date		Client Info		10 Apr 2024	25 Mar 2024	14 Nov 2023
Machine Age	hrs	Client Info		2429	2352	1854
Oil Age	hrs	Client Info		0	250	2000
Filter Age	hrs	Client Info		0	0	2000
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				ATTENTION	ABNORMAL	SEVERE

Iron	ppm	ASTM D5185m	>500	296	▲ 1039	▲ 18392
Chromium	ppm	ASTM D5185m	>10	3	9	▲ 156
Nickel	ppm	ASTM D5185m	>10	2	4	▲ 62
Titanium	ppm	ASTM D5185m		<1	2	46
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	4	● 33	● 890
Lead	ppm	ASTM D5185m	>25	<1	0	1
Copper	ppm	ASTM D5185m	>50	1	1	17
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	3
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	13	▲ 118	▲ 4922
Potassium	ppm	ASTM D5185m	>20	2	4	156
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	0.2%	NEG

Sodium	ppm	ASTM D5185m		6	20	84
Boron	ppm	ASTM D5185m		● 103	395	266
Barium	ppm	ASTM D5185m		1	0	7
Molybdenum	ppm	ASTM D5185m		11	2	24
Manganese	ppm	ASTM D5185m		2	8	148
Magnesium	ppm	ASTM D5185m		● 150	687	34
Calcium	ppm	ASTM D5185m		● 105	24	181
Phosphorus	ppm	ASTM D5185m		● 1411	1431	762
Zinc	ppm	ASTM D5185m		180	40	25
Sulfur	ppm	ASTM D5185m		● 19039	25917	53728
Visc @ 40°C	cSt	ASTM D445	68.0	● 116	● 241	● 954



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0905127
Lab Number : 06149132
Unique Number : 10979210
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
 US 27560

Contact: SCOTT SULLIVAN
 ssullivan@sullivaneastern.com
 T: (919)484-8993
 F: (919)484-2136

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)