



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

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.

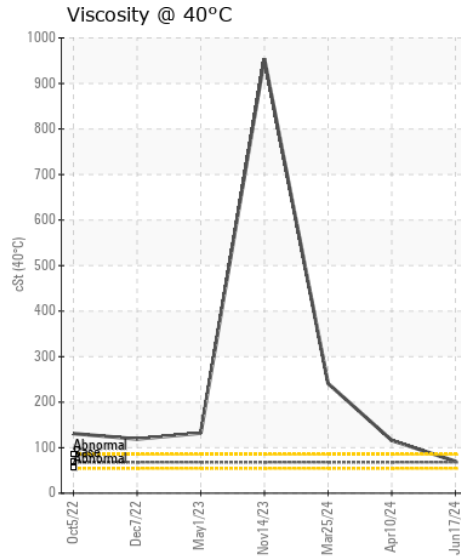
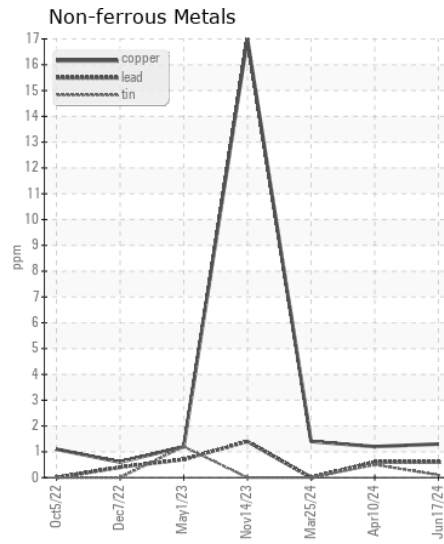
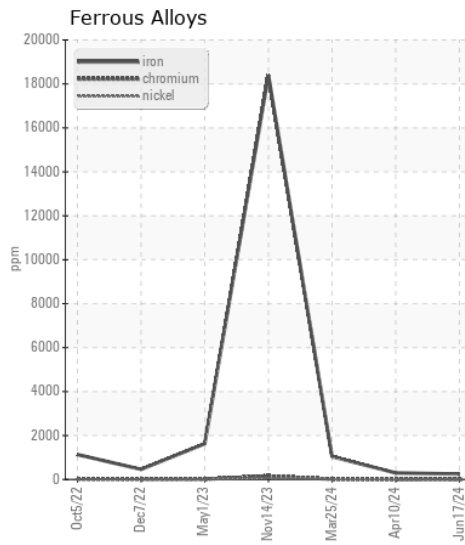
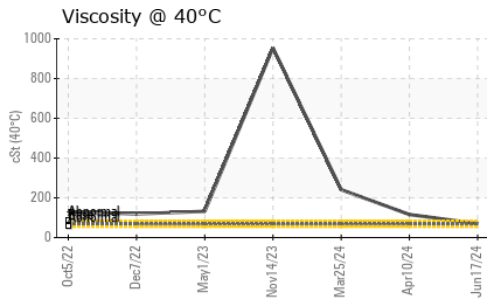
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0950768	WC0905127	WC0913649
Sample Date		Client Info		17 Jun 2024	10 Apr 2024	25 Mar 2024
Machine Age	hrs	Client Info		2793	2429	2352
Oil Age	hrs	Client Info		1000	0	250
Filter Age	hrs	Client Info		1000	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	ATTENTION	ABNORMAL
Iron	ppm	ASTM D5185m	>500	247	296	▲ 1039
Chromium	ppm	ASTM D5185m	>10	4	3	9
Nickel	ppm	ASTM D5185m	>10	4	2	4
Titanium	ppm	ASTM D5185m		1	<1	2
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	12	4	● 33
Lead	ppm	ASTM D5185m	>25	<1	<1	0
Copper	ppm	ASTM D5185m	>50	1	1	1
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	52	13	▲ 118
Potassium	ppm	ASTM D5185m	>20	4	2	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	0.2%
Sodium	ppm	ASTM D5185m		3	6	20
Boron	ppm	ASTM D5185m		51	● 103	395
Barium	ppm	ASTM D5185m		1	1	0
Molybdenum	ppm	ASTM D5185m		6	11	2
Manganese	ppm	ASTM D5185m		2	2	8
Magnesium	ppm	ASTM D5185m		60	● 150	687
Calcium	ppm	ASTM D5185m		78	● 105	24
Phosphorus	ppm	ASTM D5185m		600	● 1411	1431
Zinc	ppm	ASTM D5185m		366	180	40
Sulfur	ppm	ASTM D5185m		4537	● 19039	25917
Visc @ 40°C	cSt	ASTM D445	68.0	70.1	● 116	● 241



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0950768
Lab Number : 06215044
Unique Number : 11087908
Test Package : CONST

Received : 19 Jun 2024
Tested : 25 Jun 2024
Diagnosed : 25 Jun 2024 - Sean Felton

SULLIVAN EASTERN INC
 2860 C SLATER RD
 MORRISVILLE, NC
 US 27560

Contact: SCOTT SULLIVAN
 ssullivan@sullivan-eastern.com

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)

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