



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
265/E-11
 Component
Transmission (Auto)
 Fluid
CASTROL TRANSYND (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0868247	WC0742928	WC0699165
Sample Date		Client Info		21 Feb 2024	26 Jun 2023	18 Jul 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	97	78	56
Chromium	ppm	ASTM D5185m	>5	<1	<1	0
Nickel	ppm	ASTM D5185m	>5	1	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	39	33	21
Lead	ppm	ASTM D5185m	>50	63	58	37
Copper	ppm	ASTM D5185m	>225	28	22	16
Tin	ppm	ASTM D5185m	>10	7	6	4
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

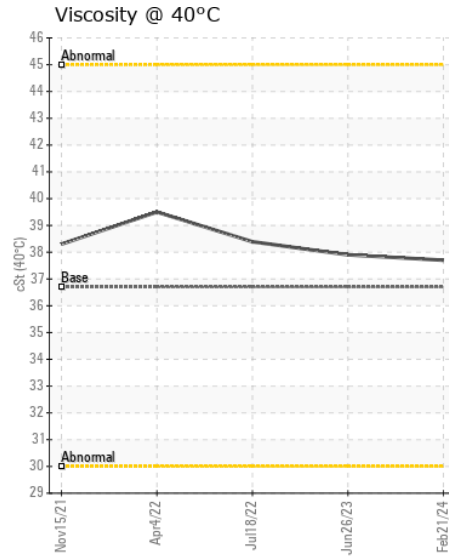
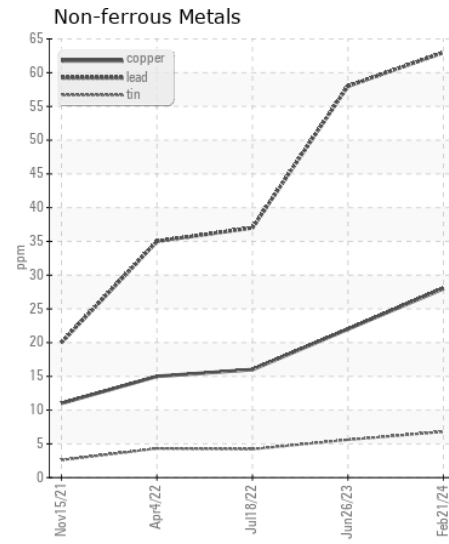
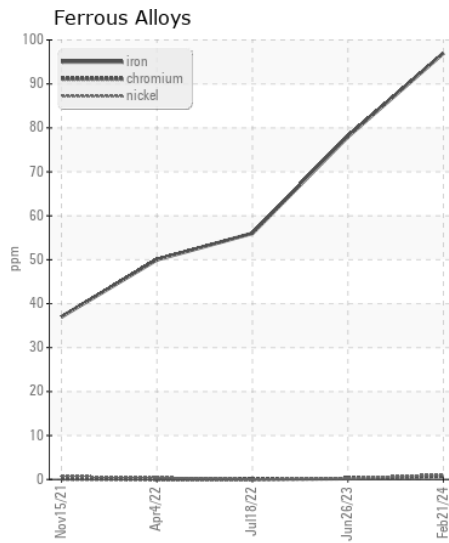
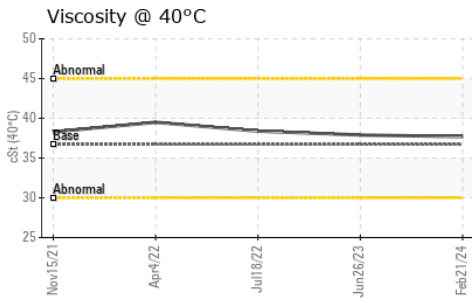
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	8	6	4
Potassium	ppm	ASTM D5185m	>20	6	4	0
Water		WC Method	>0.1	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		9	9	6
Boron	ppm	ASTM D5185m	133	73	85	93
Barium	ppm	ASTM D5185m	0	2	0	<1
Molybdenum	ppm	ASTM D5185m	0	3	2	2
Manganese	ppm	ASTM D5185m		3	2	2
Magnesium	ppm	ASTM D5185m	0	15	16	16
Calcium	ppm	ASTM D5185m	27	54	63	61
Phosphorus	ppm	ASTM D5185m	293	221	288	272
Zinc	ppm	ASTM D5185m	0	25	16	27
Sulfur	ppm	ASTM D5185m	1050	216	447	407
Visc @ 40°C	cSt	ASTM D445	36.7	37.7	37.9	38.39



Certificate L2367

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

Sample No. : WC0868247

Lab Number : 06102114

Unique Number : 10900344

Test Package : CONST

Received : 27 Feb 2024

Tested : 28 Feb 2024

Diagnosed : 29 Feb 2024 - Sean Felton

CYFAIR FIRE DEPARTMENT

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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)