



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
RO 91035
Component
Front Transmission
Fluid
TES SYN 295 (16 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0824092	---	---
Sample Date		Client Info		12 Feb 2024	---	---
Machine Age	mls	Client Info		43973	---	---
Oil Age	mls	Client Info		43973	---	---
Filter Age	mls	Client Info		43973	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>250	16	---	---
Chromium	ppm	ASTM D5185m	>2	0	---	---
Nickel	ppm	ASTM D5185m	>2	0	---	---
Titanium	ppm	ASTM D5185m	>2	0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>55	1	---	---
Lead	ppm	ASTM D5185m	>65	2	---	---
Copper	ppm	ASTM D5185m	>230	24	---	---
Tin	ppm	ASTM D5185m	>6	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

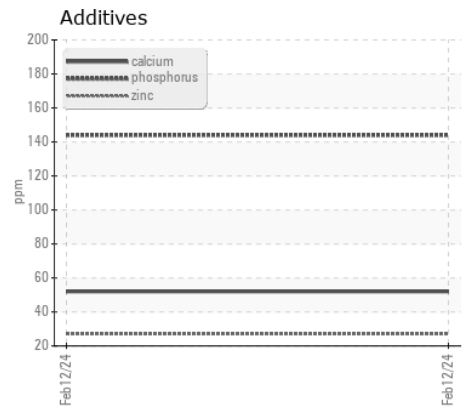
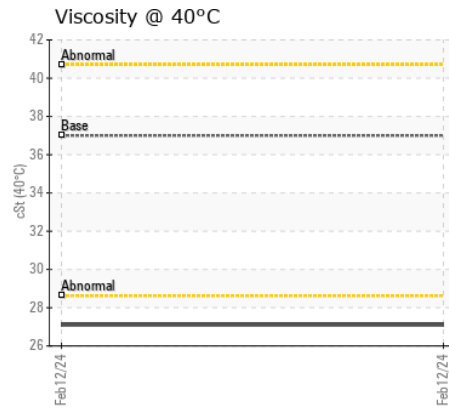
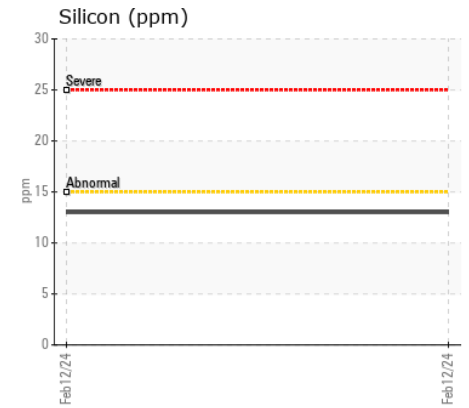
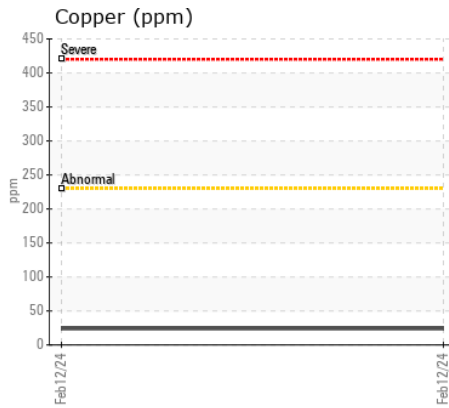
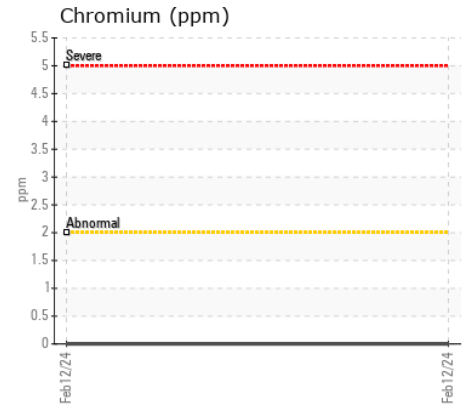
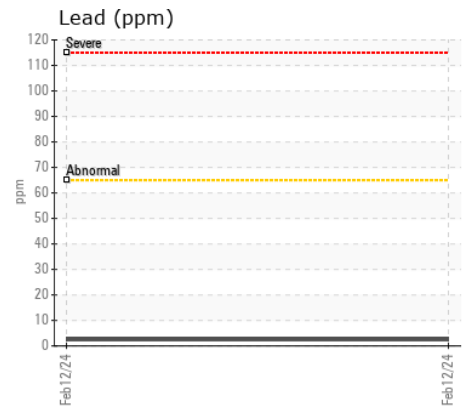
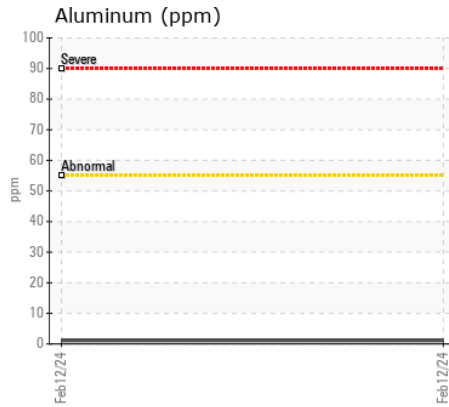
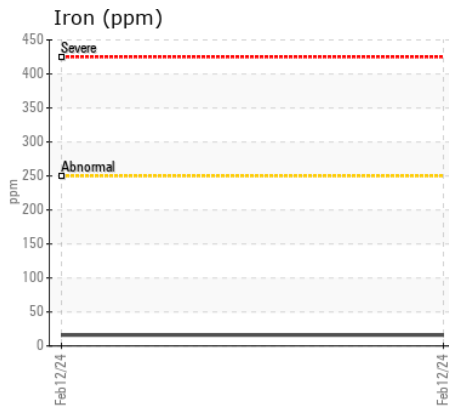
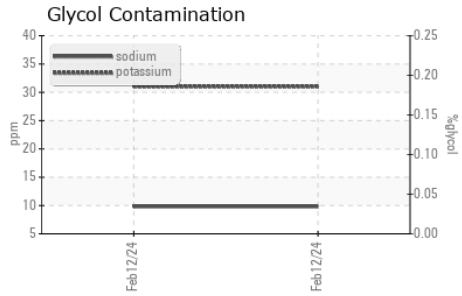
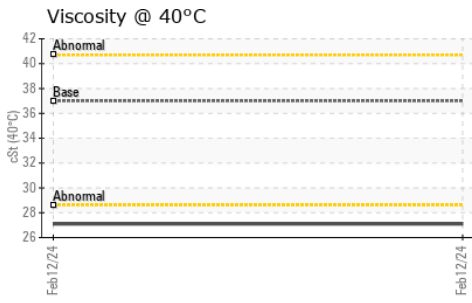
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>15	13	---	---
Potassium	ppm	ASTM D5185m	>20	31	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		10	---	---
Boron	ppm	ASTM D5185m	85	47	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	1	---	---
Manganese	ppm	ASTM D5185m	0	<1	---	---
Magnesium	ppm	ASTM D5185m	1	5	---	---
Calcium	ppm	ASTM D5185m	100	52	---	---
Phosphorus	ppm	ASTM D5185m	200	144	---	---
Zinc	ppm	ASTM D5185m	0	27	---	---
Sulfur	ppm	ASTM D5185m	1500	1031	---	---
Visc @ 40°C	cSt	ASTM D445	37.0	27.1	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0824092 **Received** : 22 Feb 2024
Lab Number : 06098036 **Tested** : 25 Feb 2024
Unique Number : 10896266 **Diagnosed** : 25 Feb 2024 - Don Baldrige
Test Package : MOB 1 (Additional Tests: Glycol)

ATEL BUS & TRUCK
 12120 CONWAY RD
 BELTSVILLE, MD
 US 20705
 Contact: OSCAR ROMERO
 oromero@atelbus.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)

T:
F: