



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
DeMatha Catholic School
Machine Id
RO 91200
Component
Front Transmission
Fluid
MERCON V (24 QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

Clutch and/or bushing/bearing wear is indicated. All other metal levels are typical for a new component breaking in.

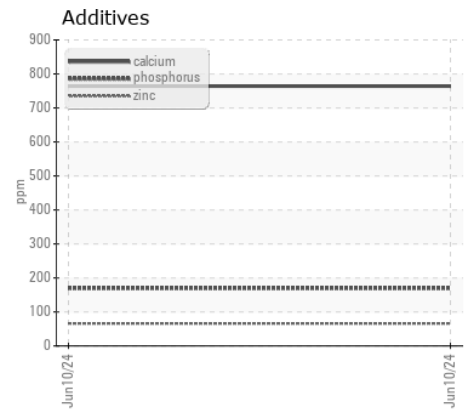
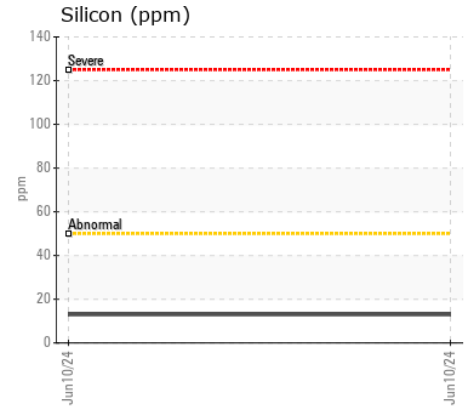
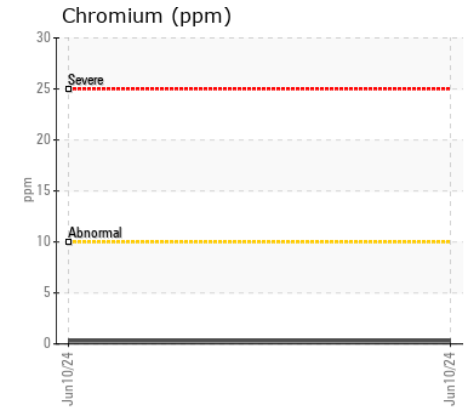
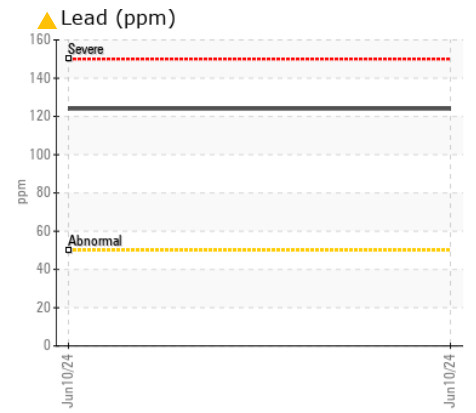
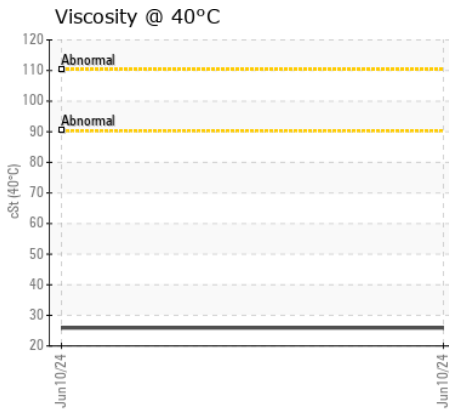
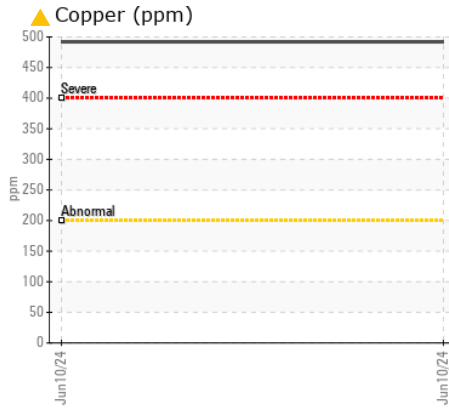
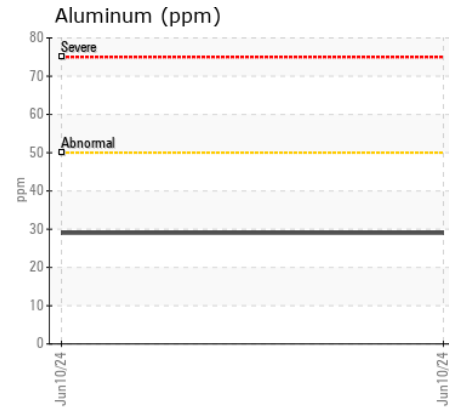
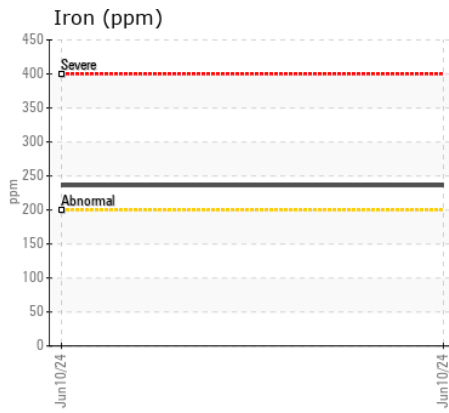
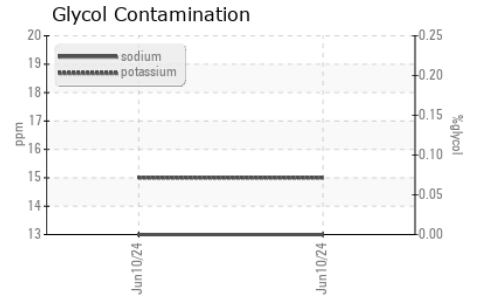
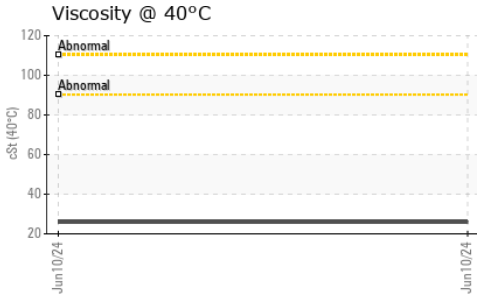
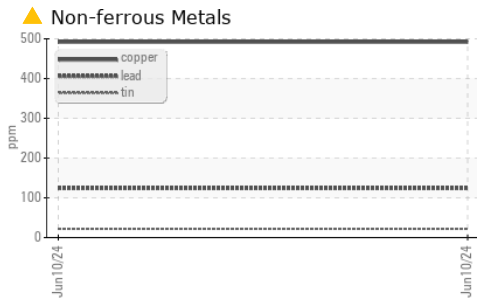
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0824044	---	---
Sample Date		Client Info		10 Jun 2024	---	---
Machine Age	mls	Client Info		76854	---	---
Oil Age	mls	Client Info		76854	---	---
Filter Age	mls	Client Info		76854	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>200	236	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		19	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m	>50	29	---	---
Lead	ppm	ASTM D5185m	>50	▲ 124	---	---
Copper	ppm	ASTM D5185m	>200	▲ 492	---	---
Tin	ppm	ASTM D5185m	>10	▲ 22	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>50	13	---	---
Potassium	ppm	ASTM D5185m	>20	15	---	---
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	---	---
Sodium	ppm	ASTM D5185m		13	---	---
Boron	ppm	ASTM D5185m		149	---	---
Barium	ppm	ASTM D5185m		3	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		14	---	---
Magnesium	ppm	ASTM D5185m		4	---	---
Calcium	ppm	ASTM D5185m		764	---	---
Phosphorus	ppm	ASTM D5185m		170	---	---
Zinc	ppm	ASTM D5185m		66	---	---
Sulfur	ppm	ASTM D5185m		6038	---	---
Visc @ 40°C	cSt	ASTM D445		25.9	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0824044 **Received** : 01 Jul 2024
Lab Number : 06225437 **Tested** : 03 Jul 2024
Unique Number : 11103634 **Diagnosed** : 03 Jul 2024 - Don Baldrige
Test Package : MOB 1 (Additional Tests: Glycol)

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)

ATEL BUS & TRUCK
 12120 CONWAY RD
 BELTSVILLE, MD
 US 20705

Contact: OSCAR ROMERO
romero@atelbus.com

T:
F: