



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
Stoneway Concrete Renton
 Machine Id
[Stoneway Concrete Renton] 10-540
 Component
Transmission (Auto)
 Fluid
BP AUTRAN SYN 295 (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PE0002062	---	---
Sample Date		Client Info		17 Jun 2024	---	---
Machine Age	mls	Client Info		21069	---	---
Oil Age	mls	Client Info		21069	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				ABNORMAL	---	---

WEAR

The lead level is abnormal. All other component wear rates are normal.

PQ		ASTM D8184	>50	24	---	---
Iron	ppm	ASTM D5185m	>160	46	---	---
Chromium	ppm	ASTM D5185m	>5	<1	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>50	20	---	---
Lead	ppm	ASTM D5185m	>50	▲ 67	---	---
Copper	ppm	ASTM D5185m	>225	10	---	---
Tin	ppm	ASTM D5185m	>10	4	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

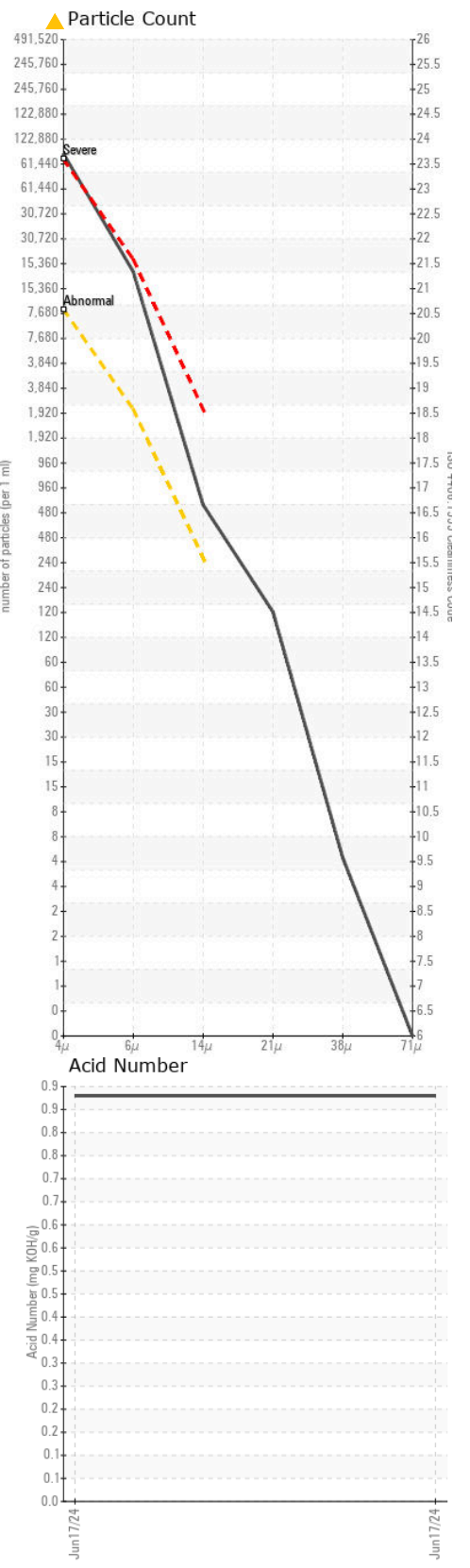
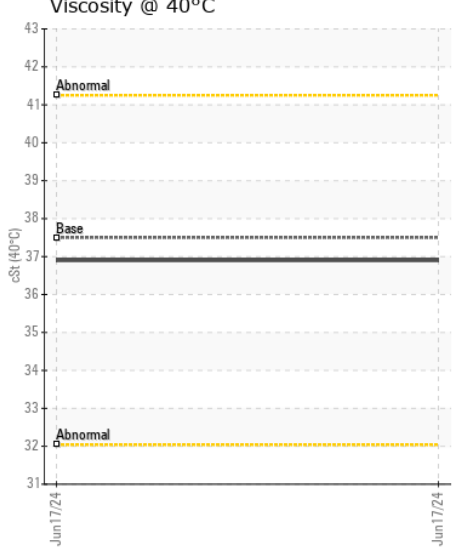
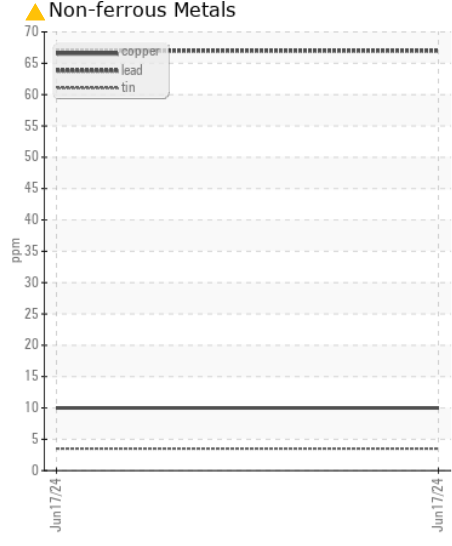
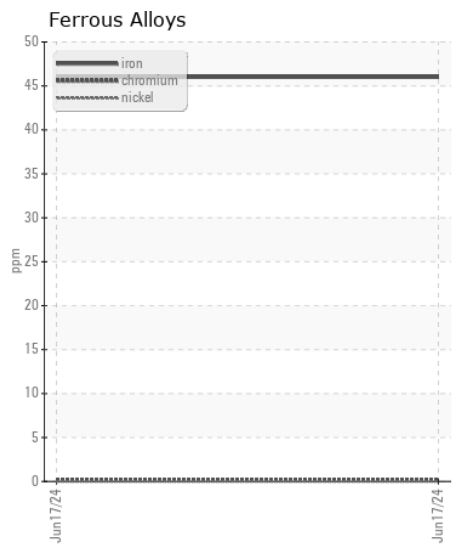
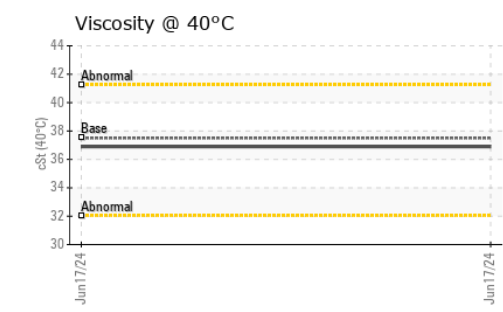
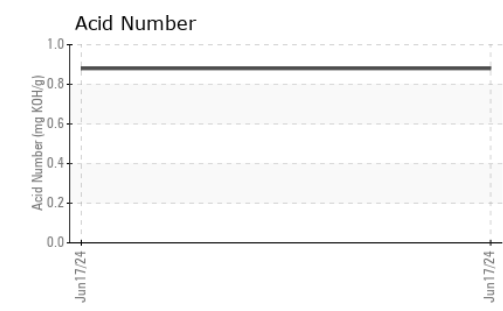
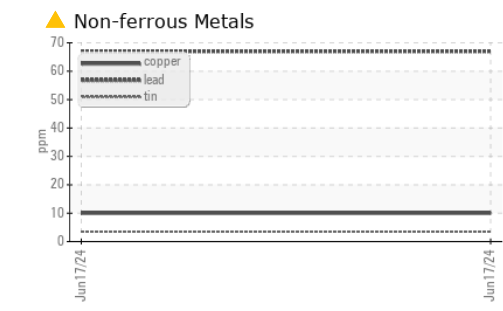
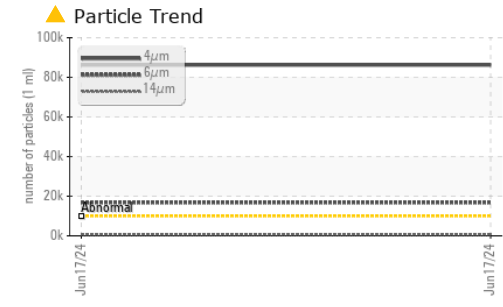
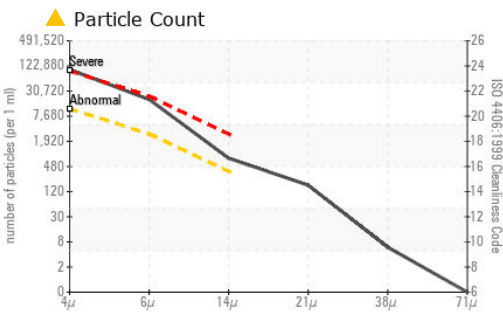
There is a high amount of particulates present in the fluid.

Silicon	ppm	ASTM D5185m	>20	4	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water		WC Method	>0.1	NEG	---	---
Particles >4µm		ASTM D7647	>10000	▲ 86213	---	---
Particles >6µm		ASTM D7647	>2500	▲ 16821	---	---
Particles >14µm		ASTM D7647	>320	▲ 665	---	---
Particles >21µm		ASTM D7647	>80	▲ 151	---	---
Particles >38µm		ASTM D7647	>20	5	---	---
Particles >71µm		ASTM D7647	>4	0	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 24/21/17	---	---
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 AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185m		5	---	---
Boron	ppm	ASTM D5185m		33	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		1	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		61	---	---
Phosphorus	ppm	ASTM D5185m		245	---	---
Zinc	ppm	ASTM D5185m		6	---	---
Sulfur	ppm	ASTM D5185m		1147	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.88	---	---
Visc @ 40°C	cSt	ASTM D445	37.5	36.9	---	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PE0002062 **Received** : 25 Jun 2024
Lab Number : 06220345 **Tested** : 26 Jun 2024
Unique Number : 11098542 **Diagnosed** : 27 Jun 2024 - Doug Bogart
Test Package : CONST (Additional Tests: ICP, KV40, PQ, PrtCount, SCREEN)

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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)