



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Stoneway Concrete Renton
 Machine Id
[Stoneway Concrete Renton] 10-515
 Component
Transmission (Auto)
 Fluid
BP AUTRAN SYN 295 (--- GAL)

RECOMMENDATION

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

WEAR

All component wear rates are normal.

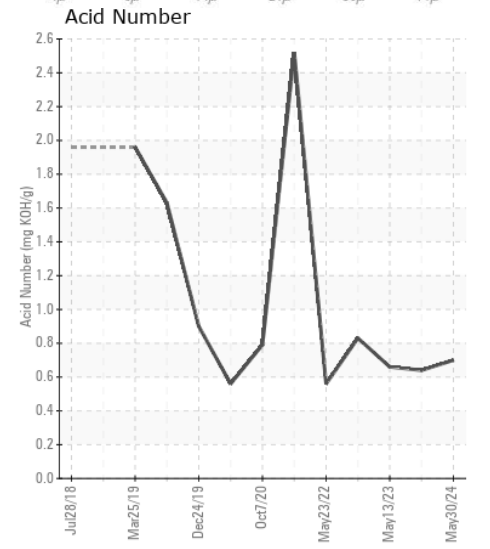
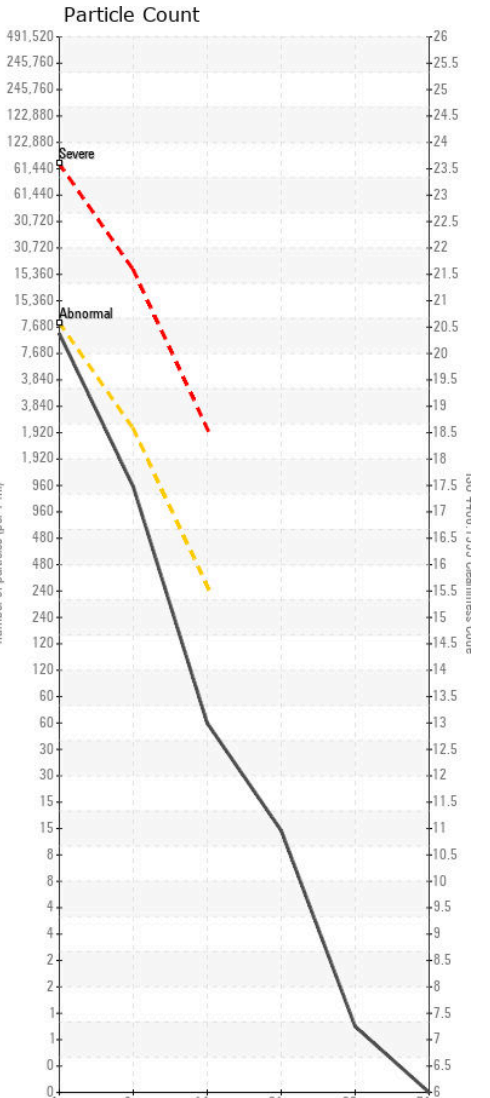
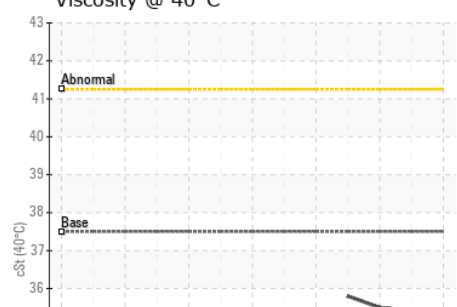
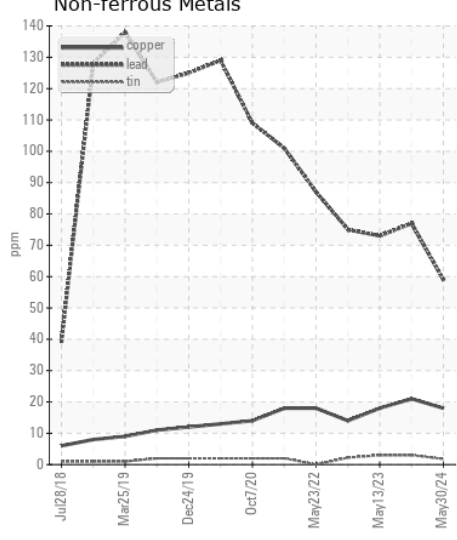
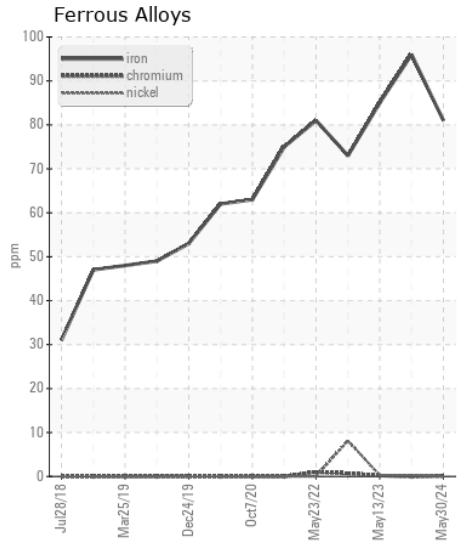
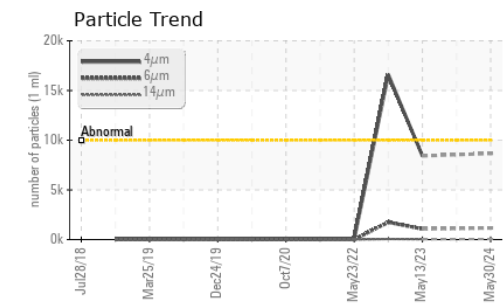
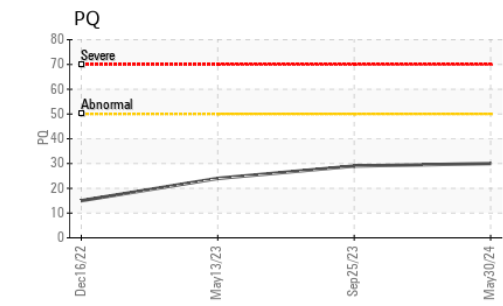
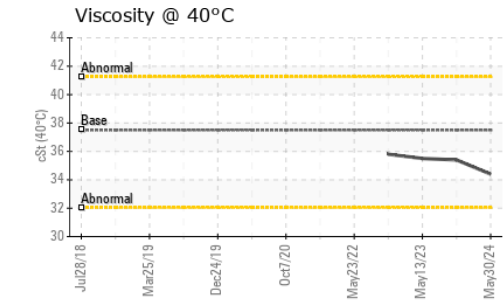
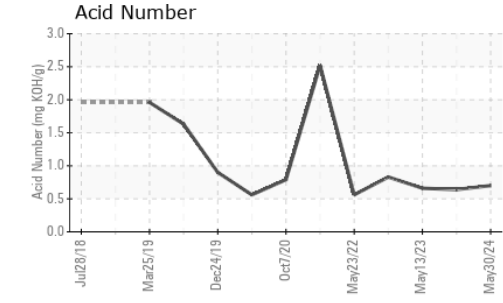
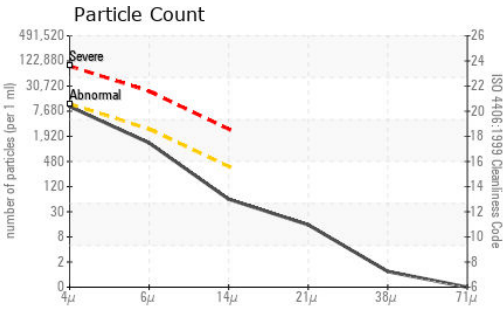
CONTAMINATION

There is no indication of any contamination in the fluid. The amount and size of particulates present in the system are acceptable.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PE0003293	PE0002156	PE0001311
Sample Date		Client Info		30 May 2024	25 Sep 2023	13 May 2023
Machine Age	mls	Client Info		90598	79881	73529
Oil Age	mls	Client Info		90598	79881	73529
Filter Age	mls	Client Info		0	79881	73529
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
PQ		ASTM D8184	>50	30	29	24
Iron	ppm	ASTM D5185m	>160	81	96	85
Chromium	ppm	ASTM D5185m	>5	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>5	0	0	<1
Aluminum	ppm	ASTM D5185m	>50	29	16	29
Lead	ppm	ASTM D5185m	>50	59	77	73
Copper	ppm	ASTM D5185m	>225	18	21	18
Tin	ppm	ASTM D5185m	>10	2	3	3
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	7	9	8
Potassium	ppm	ASTM D5185m	>20	2	2	2
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	8665	---	8417
Particles >6µm		ASTM D7647	>2500	1170	---	1070
Particles >14µm		ASTM D7647	>320	53	---	30
Particles >21µm		ASTM D7647	>80	13	---	5
Particles >38µm		ASTM D7647	>20	1	---	1
Particles >71µm		ASTM D7647	>4	0	---	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	20/17/13	---	20/17/12
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	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
Sodium	ppm	ASTM D5185m		8	4	7
Boron	ppm	ASTM D5185m		11	7	8
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		1	1	2
Magnesium	ppm	ASTM D5185m		<1	1	3
Calcium	ppm	ASTM D5185m		60	39	40
Phosphorus	ppm	ASTM D5185m		157	145	148
Zinc	ppm	ASTM D5185m		14	19	9
Sulfur	ppm	ASTM D5185m		846	615	343
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	0.64	0.66
Visc @ 40°C	cSt	ASTM D445	37.5	34.4	35.4	35.5



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PE0003293
Lab Number : 06220341
Unique Number : 11098538
Test Package : CONST (Additional Tests: ICP, KV40, PQ, PrtCount, SCREEN)

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 Contact: Tony Wytko
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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)