



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SAKAI SV544T 3SV56-10460
 Component
Transmission (Manual)
 Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

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

WEAR

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

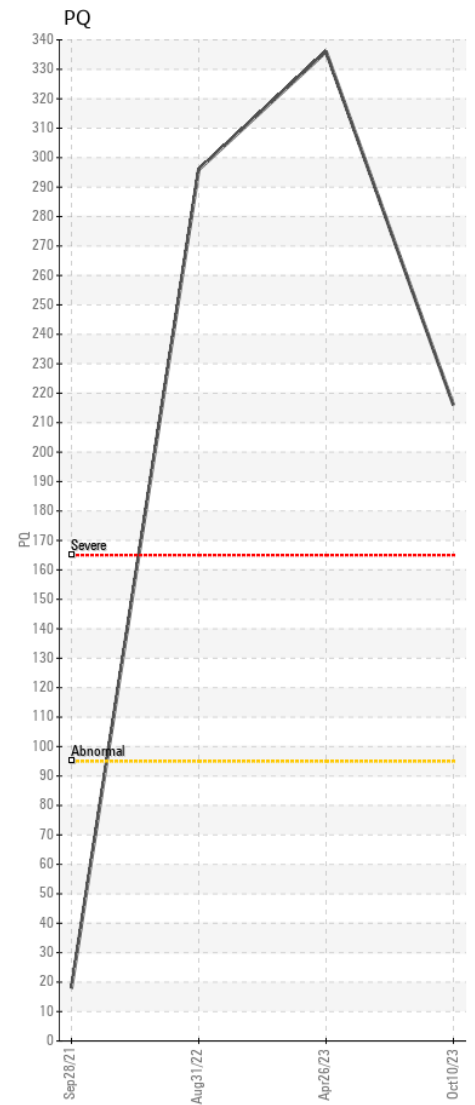
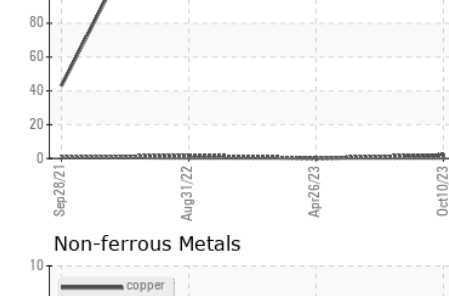
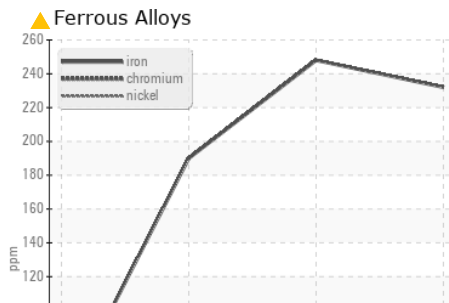
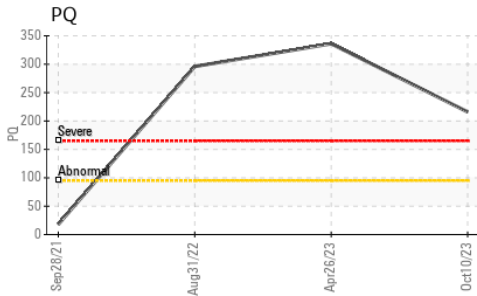
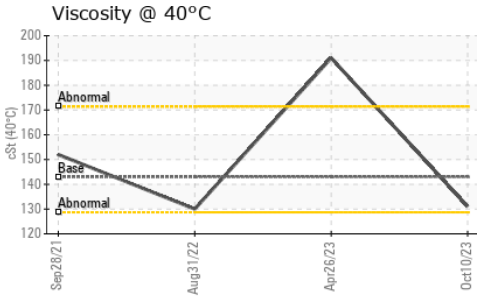
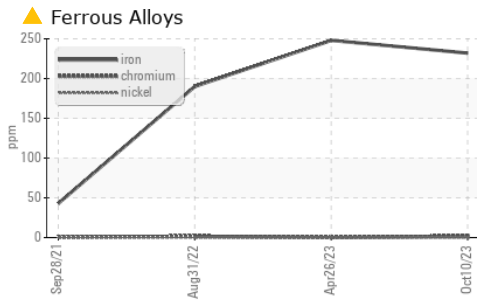
CONTAMINATION

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		JR0188958	JR0161657	JR0128364
Sample Date		Client Info		10 Oct 2023	26 Apr 2023	31 Aug 2022
Machine Age	hrs	Client Info		1505	1335	933
Oil Age	hrs	Client Info		933	0	500
Filter Age	hrs	Client Info		0	0	500
Oil Changed		Client Info		Not Changed	Not Changed	Changed
Filter Changed		Client Info		Not Changed	N/A	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
PQ		ASTM D8184	>95	216	336	▲ 296
Iron	ppm	ASTM D5185m	>200	▲ 232	▲ 248	▲ 190
Chromium	ppm	ASTM D5185m	>5	2	0	2
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	2	1
Lead	ppm	ASTM D5185m	>45	0	0	<1
Copper	ppm	ASTM D5185m	>225	<1	0	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>125	6	2	8
Potassium	ppm	ASTM D5185m	>20	<1	0	3
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	MODER
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
Sodium	ppm	ASTM D5185m	>170	3	0	0
Boron	ppm	ASTM D5185m	400	12	0	34
Barium	ppm	ASTM D5185m	200	0	0	0
Molybdenum	ppm	ASTM D5185m	12	0	0	<1
Manganese	ppm	ASTM D5185m		6	4	6
Magnesium	ppm	ASTM D5185m	12	14	0	1
Calcium	ppm	ASTM D5185m	150	21	32	39
Phosphorus	ppm	ASTM D5185m	1650	348	712	517
Zinc	ppm	ASTM D5185m	125	21	28	47
Sulfur	ppm	ASTM D5185m	22500	16932	25056	23273
Visc @ 40°C	cSt	ASTM D445	143	131	191	130



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0188958 **Received** : 17 Oct 2023
Lab Number : 05981356 **Tested** : 18 Oct 2023
Unique Number : 10698651 **Diagnosed** : 19 Oct 2023 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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)

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