James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SAKAI 400T 3SV24-40132
Component
Transmission (Manual)
Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

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.

FLUID CONDITION

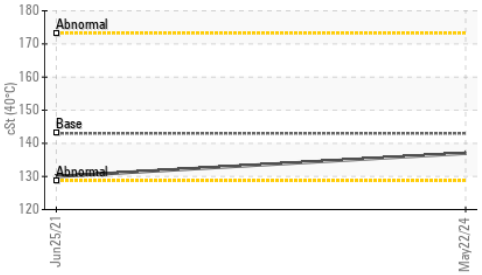
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0214921	JR0086385	---
Sample Date		Client Info		22 May 2024	25 Jun 2021	---
Machine Age	hrs	Client Info		1769	1424	---
Oil Age	hrs	Client Info		1769	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---
PQ		ASTM D8184	>95	146	73	---
Iron	ppm	ASTM D5185m	>200	61	▲ 602	---
Chromium	ppm	ASTM D5185m	>5	1	9	---
Nickel	ppm	ASTM D5185m	>5	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m	>7	1	<1	---
Aluminum	ppm	ASTM D5185m	>25	1	2	---
Lead	ppm	ASTM D5185m	>45	<1	<1	---
Copper	ppm	ASTM D5185m	>225	<1	1	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>125	2	12	---
Potassium	ppm	ASTM D5185m	>20	1	8	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m	>170	0	6	---
Boron	ppm	ASTM D5185m	400	218	280	---
Barium	ppm	ASTM D5185m	200	0	3	---
Molybdenum	ppm	ASTM D5185m	12	<1	<1	---
Manganese	ppm	ASTM D5185m		1	7	---
Magnesium	ppm	ASTM D5185m	12	1	2	---
Calcium	ppm	ASTM D5185m	150	17	64	---
Phosphorus	ppm	ASTM D5185m	1650	1138	996	---
Zinc	ppm	ASTM D5185m	125	21	126	---
Sulfur	ppm	ASTM D5185m	22500	21276	21666	---
Visc @ 40°C	cSt	ASTM D445	143	137	130	---

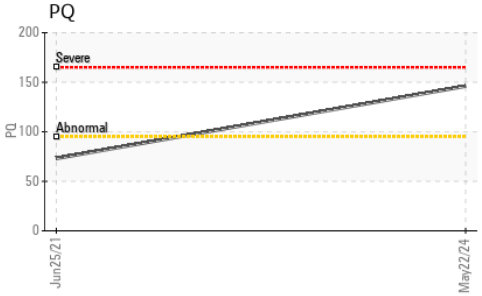
Report Id: JAMCHA [WUSCAR] 06194243 (Generated: 05/31/2024 19:40:04) Rev: 1

Submitted By: Ray Benson

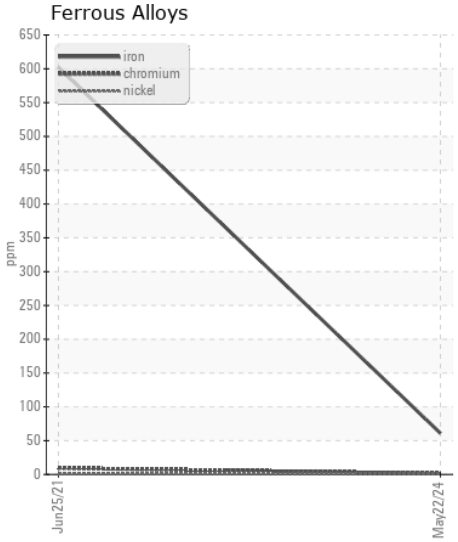
Viscosity @ 40°C



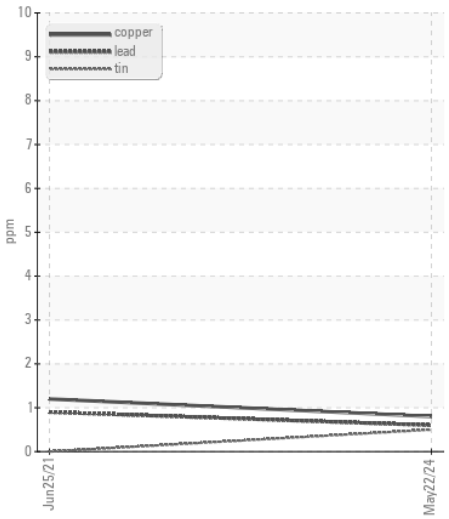
PQ



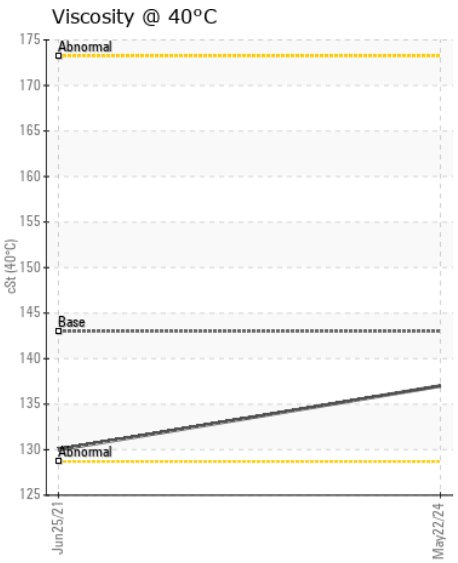
Ferrous Alloys



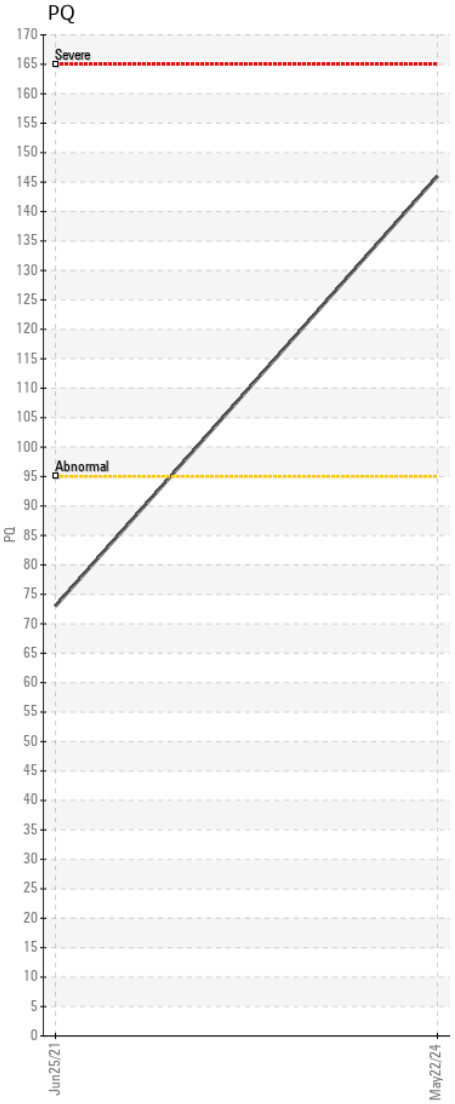
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0214921 **Received** : 29 May 2024
Lab Number : 06194243 **Tested** : 30 May 2024
Unique Number : 11056366 **Diagnosed** : 31 May 2024 - Don Baldridge
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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