



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SAKAI 400T 3SV24-40132 - VIBRATORY

Component
Front Drum Gearbox

Fluid
GEAR OIL LS 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL LS 80W90. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

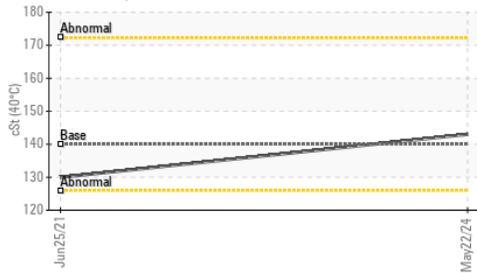
There is no indication of any contamination in the oil.

FLUID CONDITION

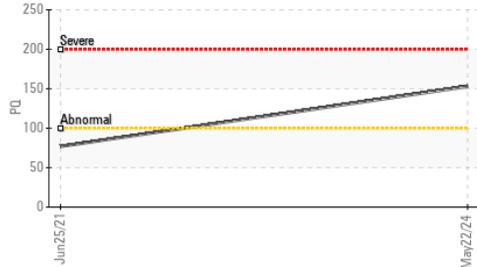
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0214917	JR0087103	---
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	NORMAL	---
PQ		ASTM D8184		153	77	---
Iron	ppm	ASTM D5185m	>200	89	633	---
Chromium	ppm	ASTM D5185m	>10	<1	10	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		0	3	---
Lead	ppm	ASTM D5185m		0	1	---
Copper	ppm	ASTM D5185m		<1	1	---
Tin	ppm	ASTM D5185m		0	0	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m		1	13	---
Potassium	ppm	ASTM D5185m	>20	1	9	---
Water		WC Method	>0.2	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	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		<1	7	---
Boron	ppm	ASTM D5185m	150	199	285	---
Barium	ppm	ASTM D5185m		0	3	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		1	8	---
Magnesium	ppm	ASTM D5185m	10	0	6	---
Calcium	ppm	ASTM D5185m	70	28	117	---
Phosphorus	ppm	ASTM D5185m	2000	1195	1050	---
Zinc	ppm	ASTM D5185m	50	6	140	---
Sulfur	ppm	ASTM D5185m	20000	22300	22976	---
Visc @ 40°C	cSt	ASTM D445	140	143	130	---

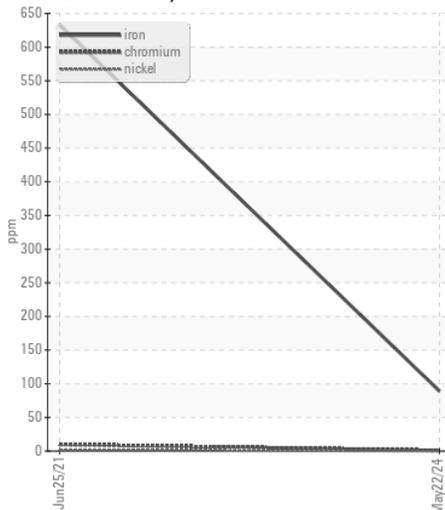
Viscosity @ 40°C



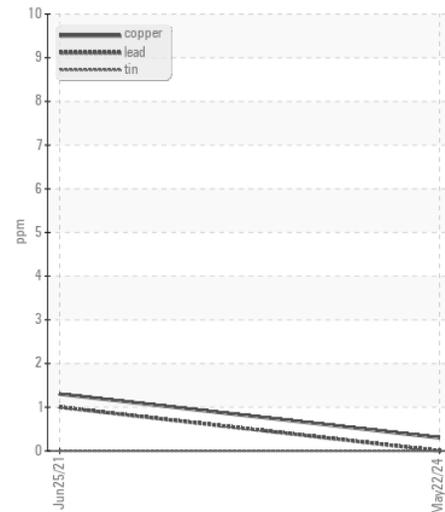
PQ



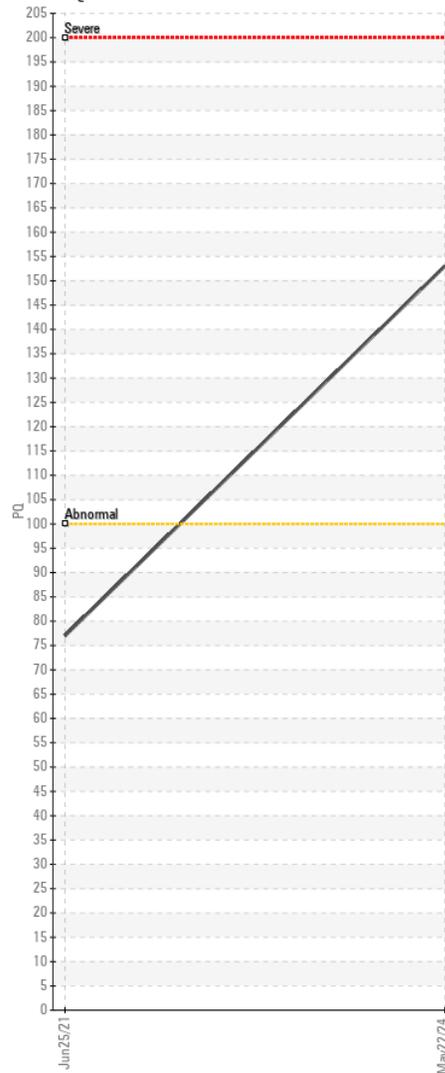
Ferrous Alloys



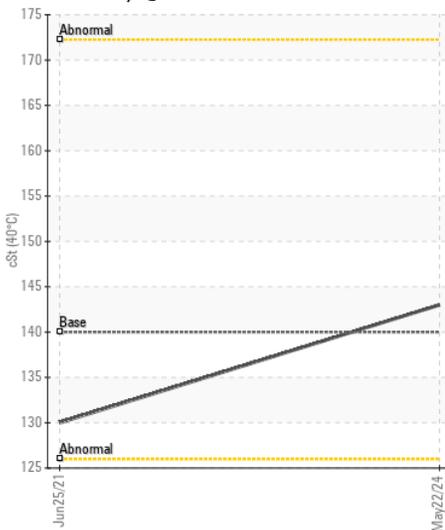
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0214917 **Received** : 29 May 2024
Lab Number : 06194277 **Tested** : 30 May 2024
Unique Number : 11056400 **Diagnosed** : 30 May 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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)