



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
A30G753396
 Component
Middle Differential
 Fluid
NOT GIVEN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

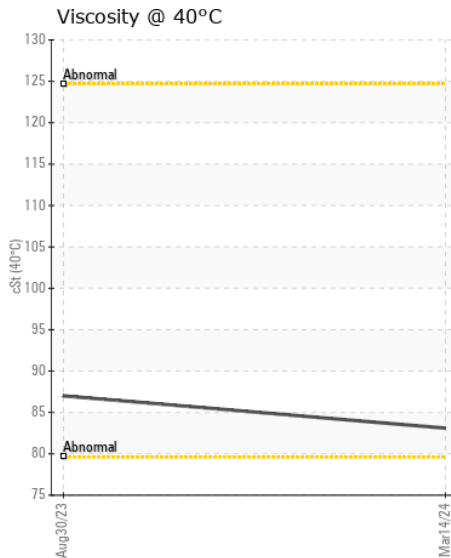
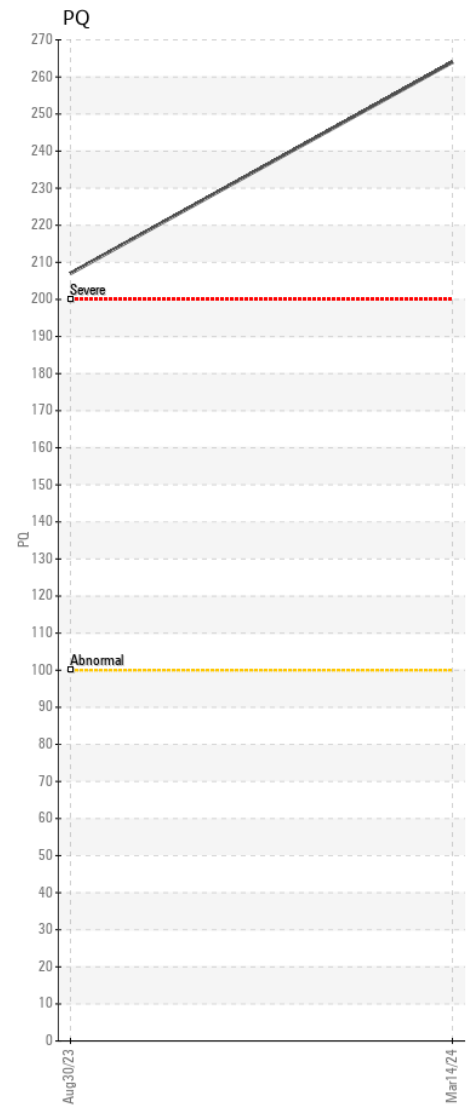
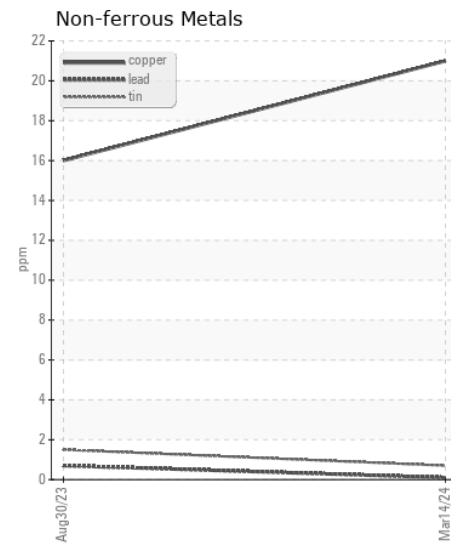
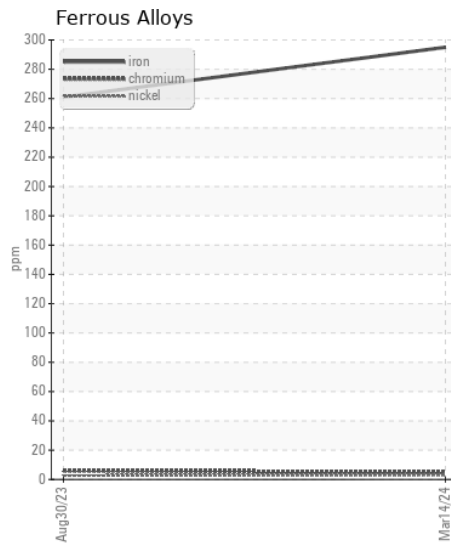
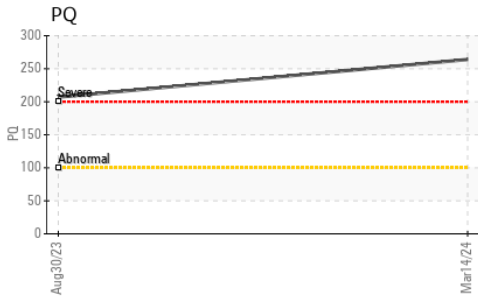
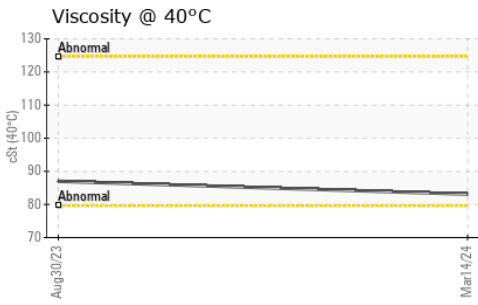
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0205596	JR0178423	---
Sample Date		Client Info		14 Mar 2024	30 Aug 2023	---
Machine Age	hrs	Client Info		1368	565	---
Oil Age	hrs	Client Info		1368	565	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

PQ		ASTM D8184		264	207	---
Iron	ppm	ASTM D5185m	>500	295	261	---
Chromium	ppm	ASTM D5185m	>10	5	6	---
Nickel	ppm	ASTM D5185m	>10	3	3	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	<1	---
Lead	ppm	ASTM D5185m	>25	<1	<1	---
Copper	ppm	ASTM D5185m	>100	21	16	---
Tin	ppm	ASTM D5185m	>10	<1	2	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

Silicon	ppm	ASTM D5185m	>75	5	6	---
Potassium	ppm	ASTM D5185m	>20	6	5	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	MODER	LIGHT	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	---

Sodium	ppm	ASTM D5185m		0	2	---
Boron	ppm	ASTM D5185m		251	316	---
Barium	ppm	ASTM D5185m		5	<1	---
Molybdenum	ppm	ASTM D5185m		9	9	---
Manganese	ppm	ASTM D5185m		9	13	---
Magnesium	ppm	ASTM D5185m		4	6	---
Calcium	ppm	ASTM D5185m		1028	924	---
Phosphorus	ppm	ASTM D5185m		1283	1379	---
Zinc	ppm	ASTM D5185m		435	386	---
Sulfur	ppm	ASTM D5185m		19913	23811	---
Visc @ 40°C	cSt	ASTM D445		83.1	87.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0205596 **Received** : 19 Mar 2024
Lab Number : 06122650 **Tested** : 20 Mar 2024
Unique Number : 10936801 **Diagnosed** : 20 Mar 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269

Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com

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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