



WEAR	SEVERE
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL

Machine Id
NOT GIVEN JR0207336 - W11699 (S/N NO INFO ON SIF/BOTTLE)

Component
Left Final Drive
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated.

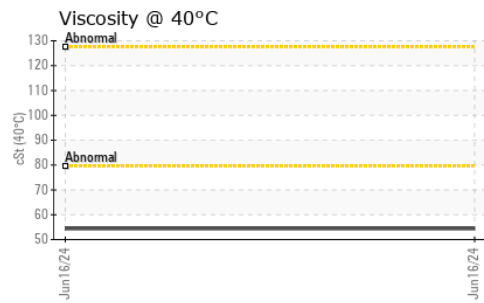
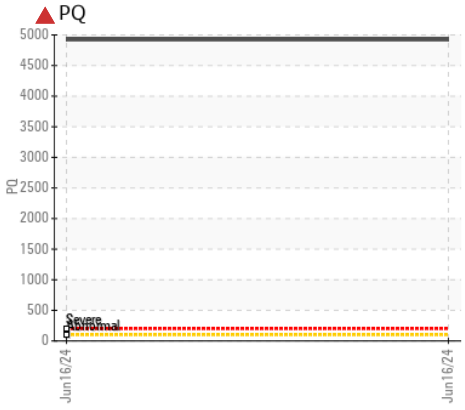
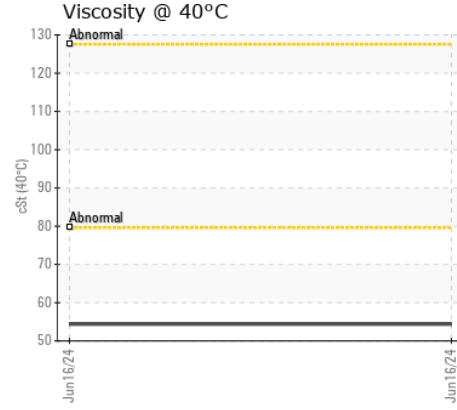
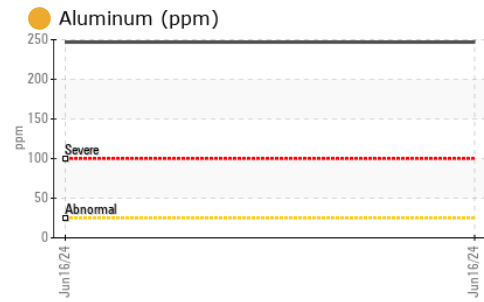
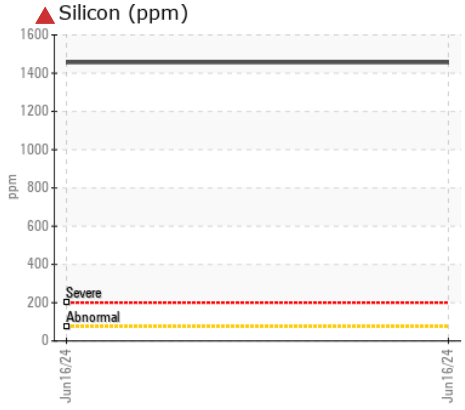
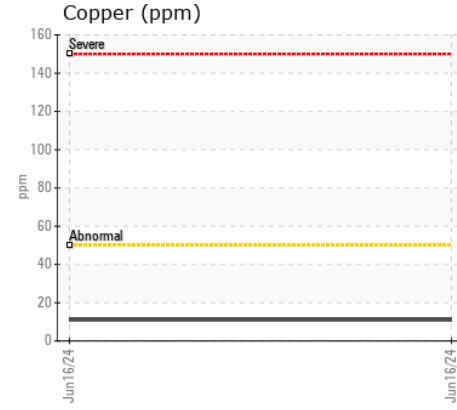
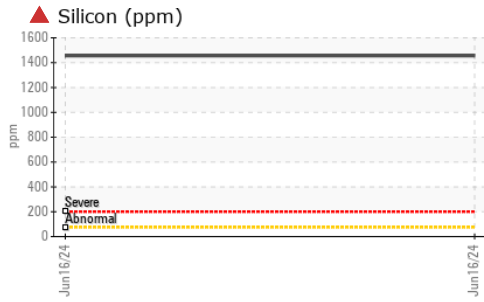
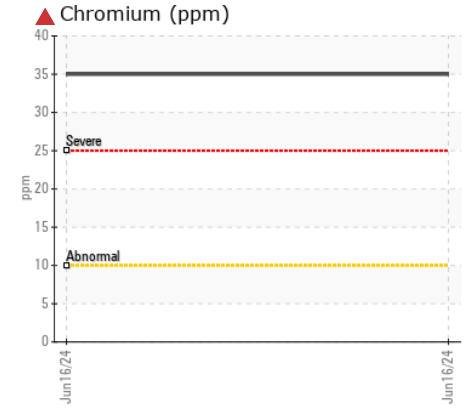
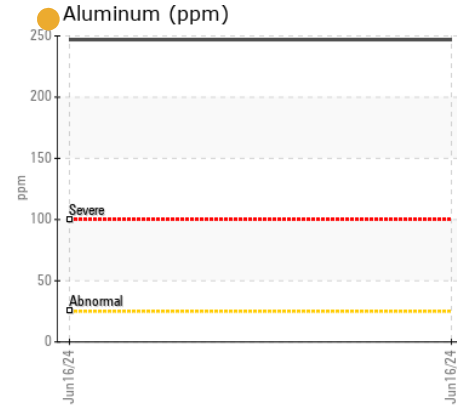
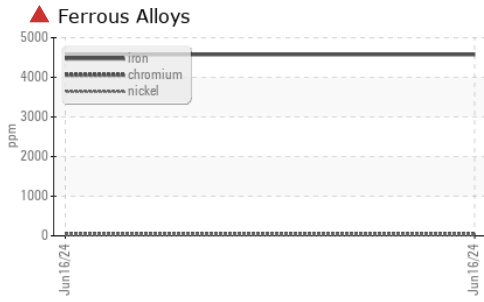
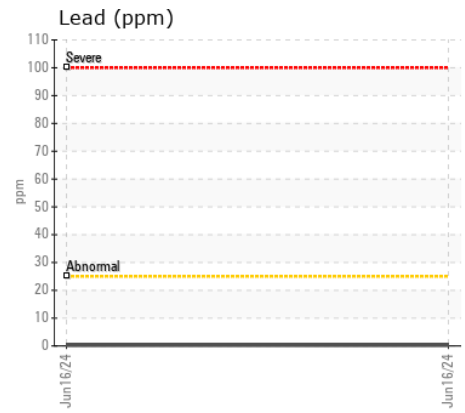
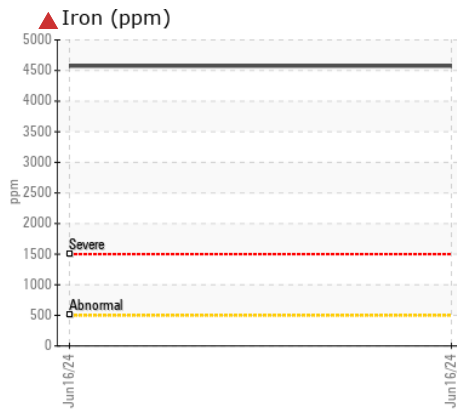
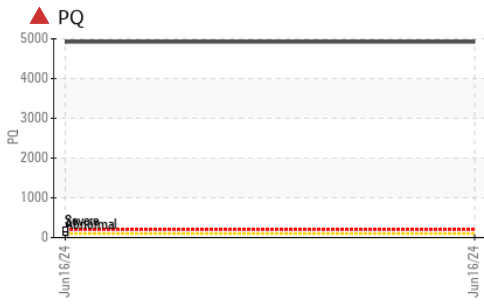
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0207336	---	---
Sample Date		Client Info		16 Jun 2024	---	---
Machine Age	hrs	Client Info		8514	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---
PQ		ASTM D8184		▲ 4923	---	---
Iron	ppm	ASTM D5185m	>500	▲ 4574	---	---
Chromium	ppm	ASTM D5185m	>10	▲ 35	---	---
Nickel	ppm	ASTM D5185m	>10	29	---	---
Titanium	ppm	ASTM D5185m		27	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	● 247	---	---
Lead	ppm	ASTM D5185m	>25	<1	---	---
Copper	ppm	ASTM D5185m	>50	11	---	---
Tin	ppm	ASTM D5185m	>10	1	---	---
Vanadium	ppm	ASTM D5185m		1	---	---
White Metal	scalar	*Visual	NONE	MODER	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>75	▲ 1456	---	---
Potassium	ppm	ASTM D5185m	>20	67	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185m		9	---	---
Boron	ppm	ASTM D5185m		23	---	---
Barium	ppm	ASTM D5185m		25	---	---
Molybdenum	ppm	ASTM D5185m		18	---	---
Manganese	ppm	ASTM D5185m		36	---	---
Magnesium	ppm	ASTM D5185m		150	---	---
Calcium	ppm	ASTM D5185m		3187	---	---
Phosphorus	ppm	ASTM D5185m		1051	---	---
Zinc	ppm	ASTM D5185m		1172	---	---
Sulfur	ppm	ASTM D5185m		4475	---	---
Visc @ 40°C	cSt	ASTM D445		54.4	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0207336 **Received** : 17 Jun 2024
Lab Number : 06212055 **Tested** : 18 Jun 2024
Unique Number : 11084919 **Diagnosed** : 20 Jun 2024 - Jonathan Hester
Test Package : MOBCE (Additional Tests: PQ)

JRE - SALEM
 3902 W. MAIN STREET
 SALEM, VA
 US 24153

Contact: ROBERT SMITH
 ROBERT.SMITH@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)

T:
 F: (540)380-5547