



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
120FI (S/N 18100800)

Component
Rear Left Final Drive

Fluid
GEAR OIL (PAG) ISO 220 (1 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Resample 6-12-24)

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

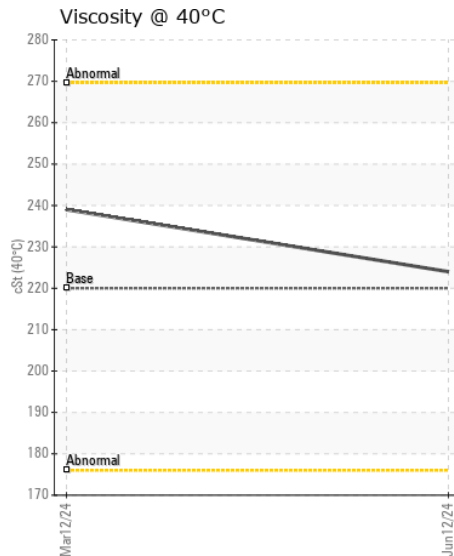
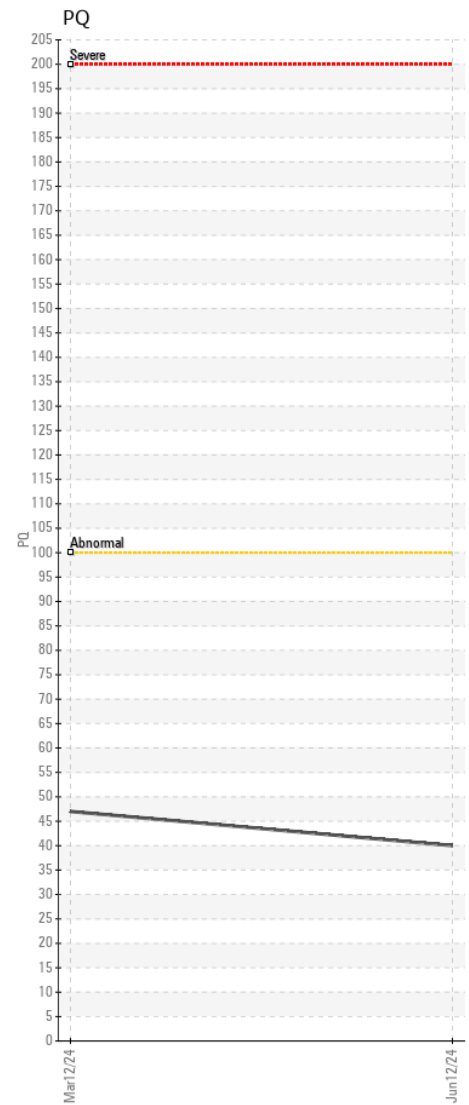
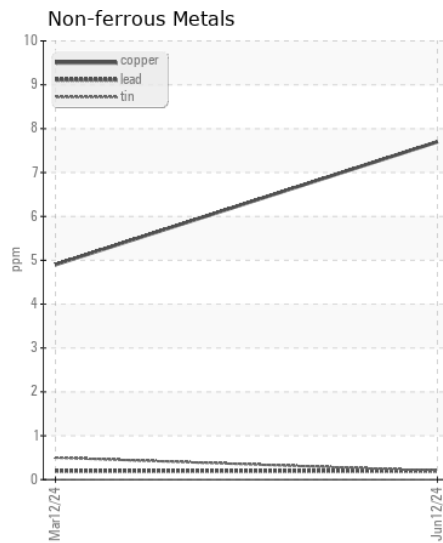
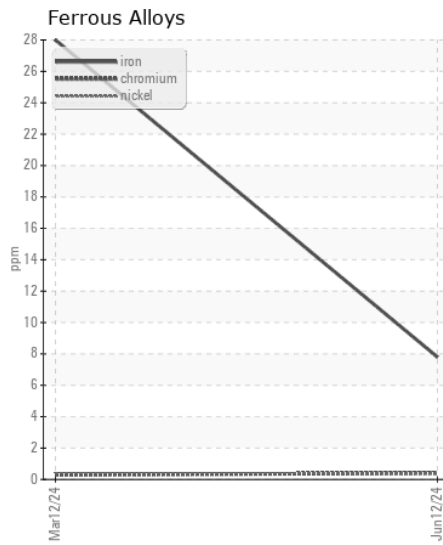
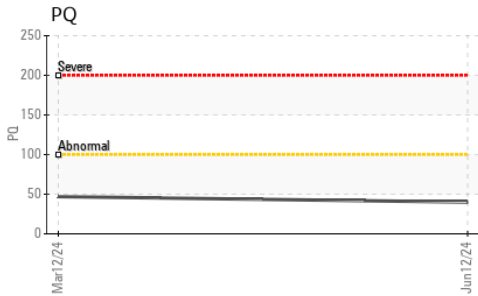
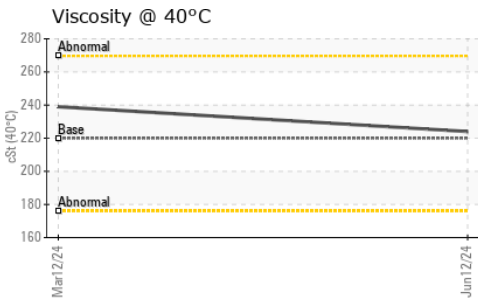
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0220352	JR0205595	---
Sample Date		Client Info		12 Jun 2024	12 Mar 2024	---
Machine Age	hrs	Client Info		2748	2536	---
Oil Age	hrs	Client Info		200	2536	---
Filter Age	hrs	Client Info		200	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

PQ		ASTM D8184		40	47	---
Iron	ppm	ASTM D5185m	>500	8	28	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	3	2	---
Lead	ppm	ASTM D5185m	>25	<1	<1	---
Copper	ppm	ASTM D5185m	>50	8	5	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	<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	1	2	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
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	>0.2	NEG	0.2%	---

Sodium	ppm	ASTM D5185m		4	4	---
Boron	ppm	ASTM D5185m	5	2	2	---
Barium	ppm	ASTM D5185m	5	0	0	---
Molybdenum	ppm	ASTM D5185m	5	4	<1	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m	5	1	1	---
Calcium	ppm	ASTM D5185m	5	83	1	---
Phosphorus	ppm	ASTM D5185m	775	445	287	---
Zinc	ppm	ASTM D5185m	5	27	2	---
Sulfur	ppm	ASTM D5185m	2000	372	1338	---
Visc @ 40°C	cSt	ASTM D445	220	224	239	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : JR0220352

Lab Number : 06210416

Unique Number : 11083280

Test Package : CONST (Additional Tests: PQ)

Received : 14 Jun 2024

Tested : 18 Jun 2024

Diagnosed : 18 Jun 2024 - Don Baldrige

JRE - CHARLOTTE

9550 STATESVILLE ROAD

CHARLOTTE, NC

US 28269

Contact: CHARLOTTE SHOP

myoung@jamesriverequipment.com

T: (704)597-0211

F: (704)596-6198

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)