



WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
ABNORMAL
NORMAL

Machine Id
D60 01081
Component
Left Final Drive
Fluid
{not provided} (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

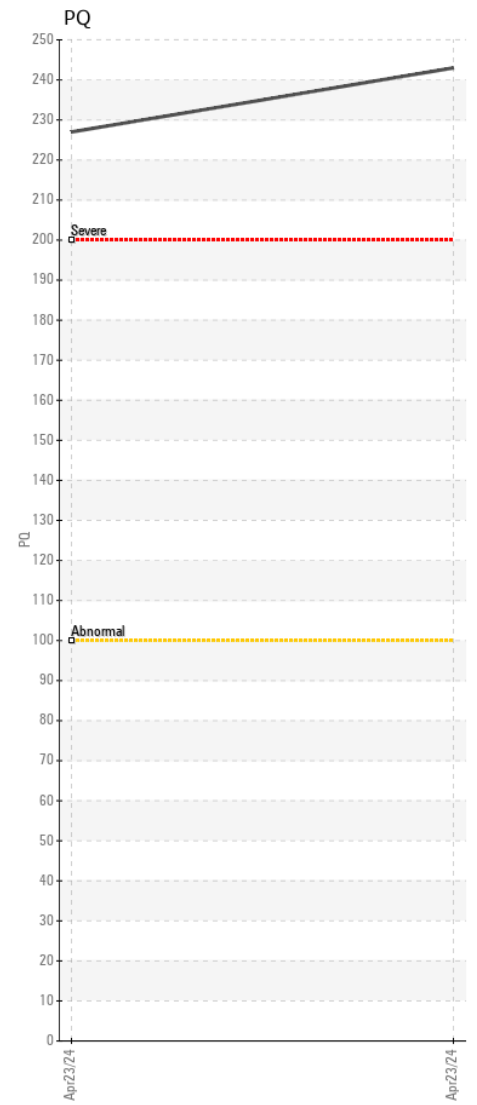
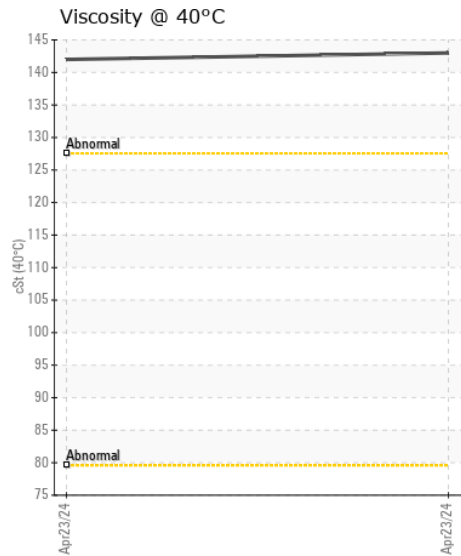
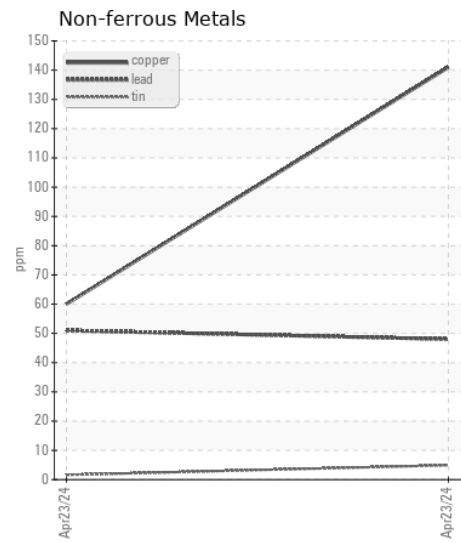
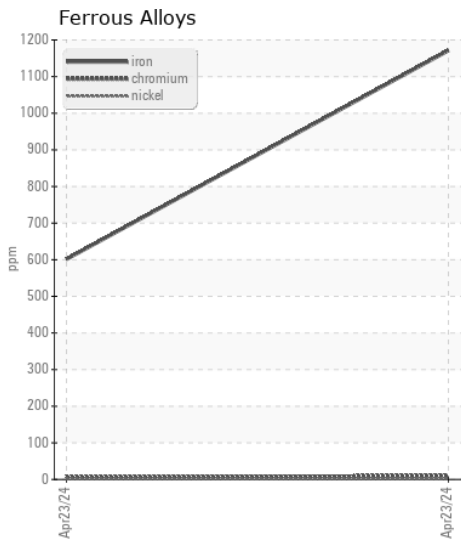
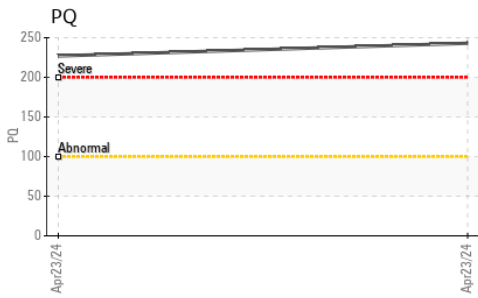
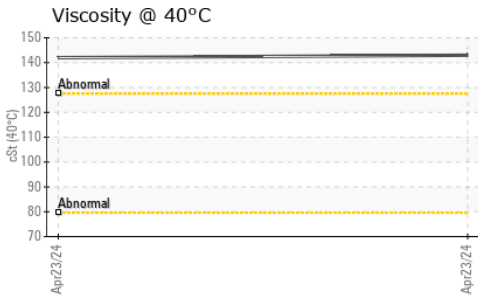
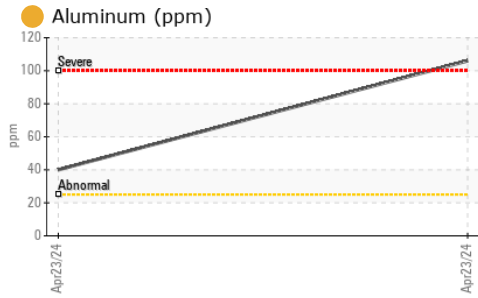
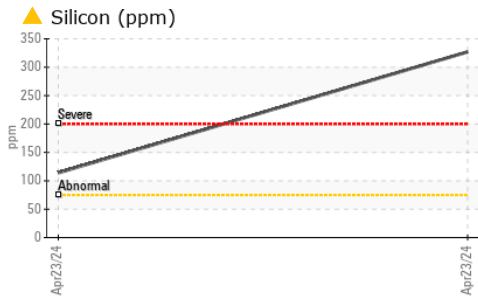
CONTAMINATION

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

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		JR0205122	JR0204659	---
Sample Date		Client Info		23 Apr 2024	23 Apr 2024	---
Machine Age	hrs	Client Info		10261	10261	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	SEVERE	---
PQ		ASTM D8184		243	227	---
Iron	ppm	ASTM D5185m	>500	601	▲ 1171	---
Chromium	ppm	ASTM D5185m	>10	6	▲ 10	---
Nickel	ppm	ASTM D5185m	>10	<1	1	---
Titanium	ppm	ASTM D5185m		2	7	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	● 40	● 106	---
Lead	ppm	ASTM D5185m	>25	51	▲ 48	---
Copper	ppm	ASTM D5185m	>50	60	▲ 141	---
Tin	ppm	ASTM D5185m	>10	2	5	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	▲ 114	▲ 327	---
Potassium	ppm	ASTM D5185m	>20	6	31	---
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	NEG	---
Sodium	ppm	ASTM D5185m		8	25	---
Boron	ppm	ASTM D5185m		0	5	---
Barium	ppm	ASTM D5185m		7	4	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		6	11	---
Magnesium	ppm	ASTM D5185m		5	20	---
Calcium	ppm	ASTM D5185m		8	38	---
Phosphorus	ppm	ASTM D5185m		318	491	---
Zinc	ppm	ASTM D5185m		38	73	---
Sulfur	ppm	ASTM D5185m		21585	22247	---
Visc @ 40°C	cSt	ASTM D445		143	142	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0205122 **Received** : 24 Apr 2024
Lab Number : 06159378 **Tested** : 25 Apr 2024
Unique Number : 10994801 **Diagnosed** : 26 Apr 2024 - Jonathan Hester
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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