



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL

Machine Id
ATF
 Component
Bulk Tank New (Unused) Oil
 Fluid
ATF (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample. We advise that you check for the source of water entry.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0868222	---	---
Sample Date		Client Info		13 Jun 2024	---	---
Machine Age	hrs	Client Info		0	---	---
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	---	---

WEAR

Iron	ppm	ASTM D5185m		2	---	---
Chromium	ppm	ASTM D5185m		<1	---	---
Nickel	ppm	ASTM D5185m		<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		2	---	---
Lead	ppm	ASTM D5185m		<1	---	---
Copper	ppm	ASTM D5185m		<1	---	---
Tin	ppm	ASTM D5185m		<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

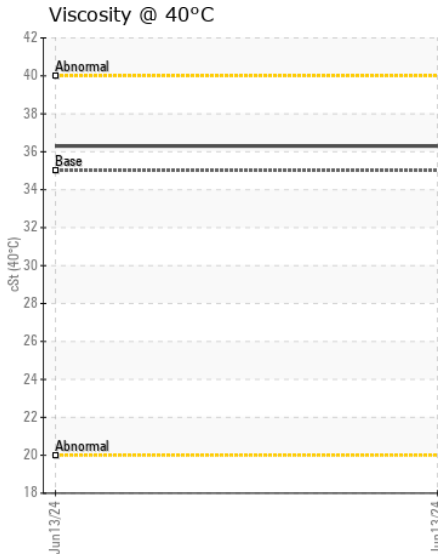
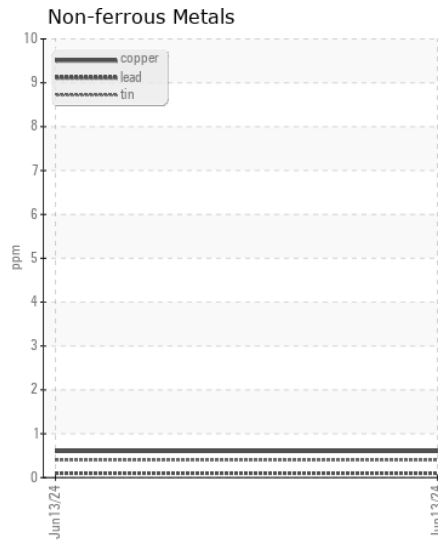
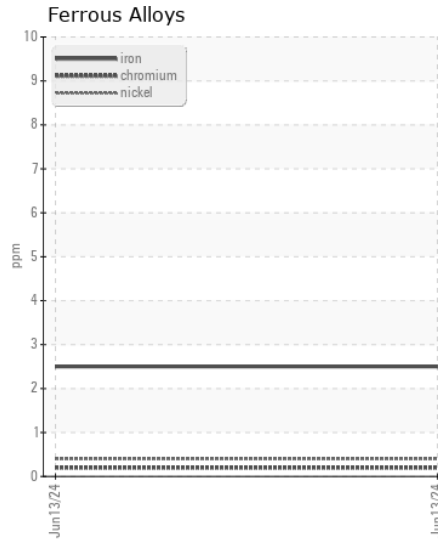
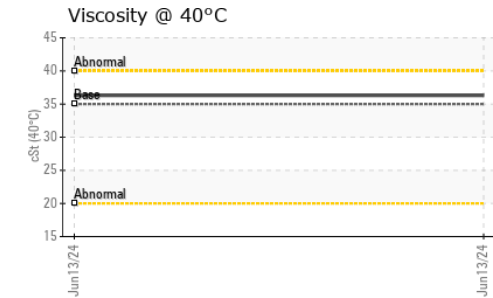
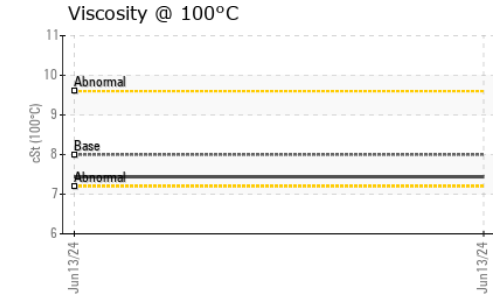
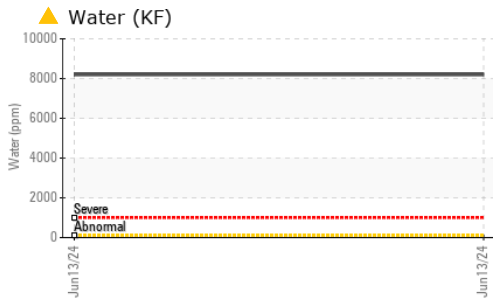
CONTAMINATION

Excessive free water present. There is a high concentration of water present in the oil. There is a moderate amount of visible silt present in the sample.

Silicon	ppm	ASTM D5185m		3	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water	%	ASTM D6304		▲ 0.820	---	---
ppm Water	ppm	ASTM D6304		▲ 8200	---	---
Silt	scalar	*Visual	NONE	▲ MODER	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	● HAZY	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual		▲ 0.2%	---	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m		41	---	---
Boron	ppm	ASTM D5185m		40	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		16	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		10	---	---
Calcium	ppm	ASTM D5185m		24	---	---
Phosphorus	ppm	ASTM D5185m		60	---	---
Zinc	ppm	ASTM D5185m		43	---	---
Sulfur	ppm	ASTM D5185m		542	---	---
Visc @ 40°C	cSt	ASTM D445	35.0	36.3	---	---
Visc @ 100°C	cSt	ASTM D445	8.0	7.44	---	---
Viscosity Index (VI)	Scale	ASTM D2270	212	177	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0868222 **Received** : 19 Jun 2024
Lab Number : **06215188** **Tested** : 25 Jun 2024
Unique Number : 11088052 **Diagnosed** : 25 Jun 2024 - Jonathan Hester
Test Package : CONST (Additional Tests: FT-IR, KF, KV100, VI)

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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)