



OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id

SAMPLE EC

Component

Oil

Fluid

{not provided} (--- GAL)

DIAGNOSIS

● Recommendation

This is a baseline read-out on the submitted sample. There is too much water present in this sample to perform a particle count.

● Contamination

There is a high concentration of water present in the oil. Chlorine measured at 180 ppm.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC06209157	---	---
Sample Date	Client Info		12 Jun 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ATTENTION	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	4	---	---
Chromium	ppm	ASTM D5185m >20	0	---	---
Nickel	ppm	ASTM D5185m >20	<1	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >20	<1	---	---
Lead	ppm	ASTM D5185m >20	1	---	---
Copper	ppm	ASTM D5185m >20	807	---	---
Tin	ppm	ASTM D5185m >20	2	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	2	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	51	---	---
Barium	ppm	ASTM D5185m	2	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	2	---	---
Magnesium	ppm	ASTM D5185m	14	---	---
Calcium	ppm	ASTM D5185m	32	---	---
Phosphorus	ppm	ASTM D5185m	78	---	---
Zinc	ppm	ASTM D5185m	40	---	---
Sulfur	ppm	ASTM D5185m	17749	---	---

CONTAMINANTS

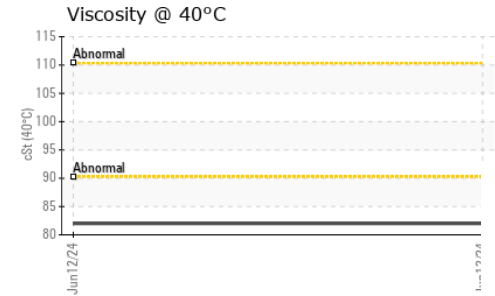
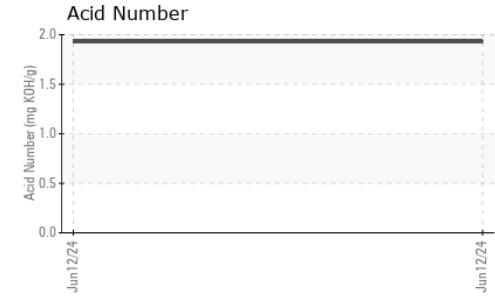
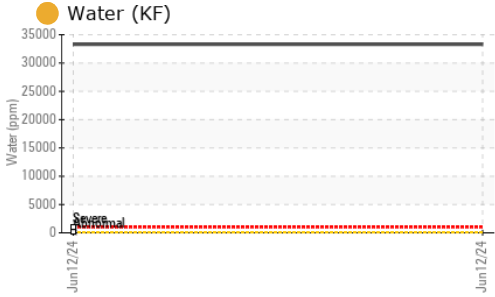
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	71	---	---
Sodium	ppm	ASTM D5185m	6373	---	---
Potassium	ppm	ASTM D5185m >20	3204	---	---
Chlorine Content	ppm	ASTM D5185m	180	---	---
Water	%	ASTM D6304	● 3.33	---	---
ppm Water	ppm	ASTM D6304	● 33300	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.93	---	---



OIL ANALYSIS REPORT



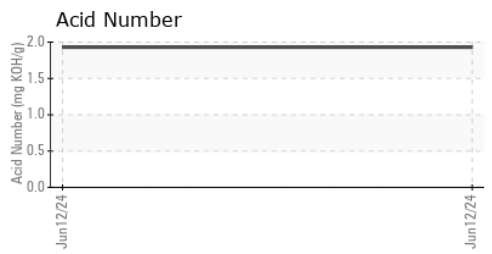
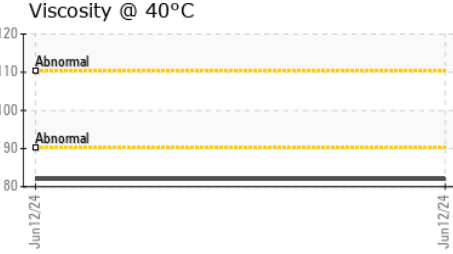
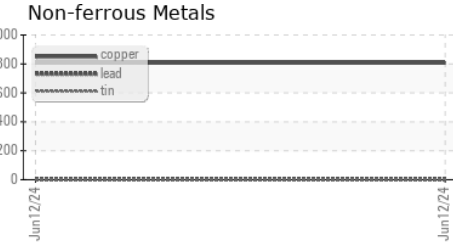
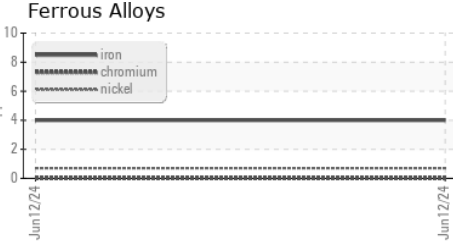
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	● 0.2%	---	---	
Free Water	scalar	*Visual	NEG	---	---	

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	82.00	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC06209157 **Received** : 13 Jun 2024
Lab Number : 06209157 **Tested** : 13 Jun 2024
Unique Number : 11076618 **Diagnosed** : 13 Jun 2024 - Doug Bogart
Test Package : IND 2 (Additional Tests: CHLORINEXRF, KF, PrtCount)

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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)