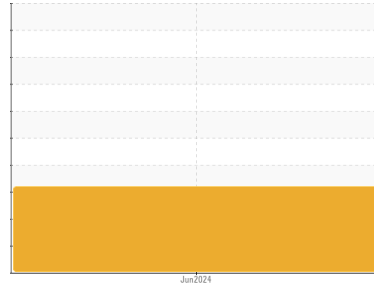




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
BC-10
 Component
Rear Gearbox
 Fluid
I625-90WT (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

Gear wear is indicated.

Contamination

Appearance is milky. There is a moderate concentration of water present in the oil.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0746154	---	---
Sample Date	Client Info	17 Jun 2024	---	---
Machine Age	hrs	Client Info	0	---
Oil Age	hrs	Client Info	0	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	▲ 243	---
Chromium	ppm	ASTM D5185m >10	1	---
Nickel	ppm	ASTM D5185m >10	1	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m	<1	---
Aluminum	ppm	ASTM D5185m >25	5	---
Lead	ppm	ASTM D5185m >50	0	---
Copper	ppm	ASTM D5185m >200	3	---
Tin	ppm	ASTM D5185m >10	<1	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	1	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	8	---
Barium	ppm	ASTM D5185m	2	---
Molybdenum	ppm	ASTM D5185m	<1	---
Manganese	ppm	ASTM D5185m	2	---
Magnesium	ppm	ASTM D5185m	24	---
Calcium	ppm	ASTM D5185m	84	---
Phosphorus	ppm	ASTM D5185m	345	---
Zinc	ppm	ASTM D5185m	59	---
Sulfur	ppm	ASTM D5185m	17786	---

CONTAMINANTS

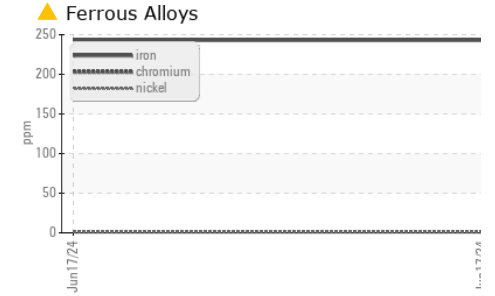
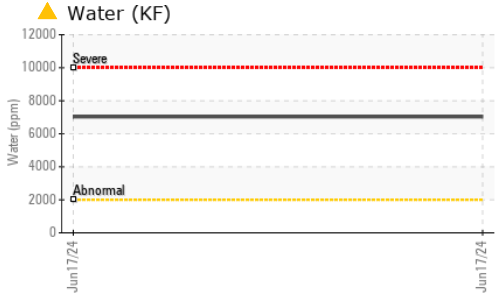
method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	30	---
Sodium	ppm	ASTM D5185m	4	---
Potassium	ppm	ASTM D5185m >20	10	---
Water	%	ASTM D6304 >0.2	▲ 0.703	---
ppm Water	ppm	ASTM D6304 >2000	▲ 7030	---



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	MODER	---
Debris	scalar	*Visual NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	---
Appearance	scalar	*Visual NORML	● MILKY	---
Odor	scalar	*Visual NORML	NORML	---
Emulsified Water	scalar	*Visual >0.2	▲ 0.2%	---
Free Water	scalar	*Visual	NEG	---

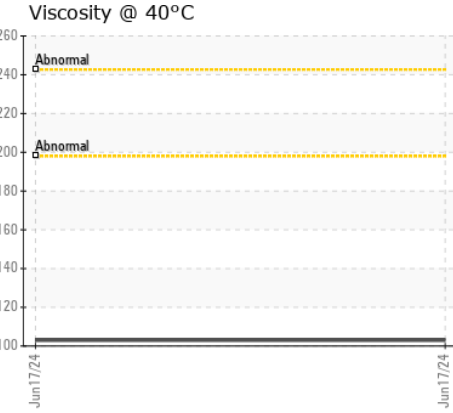
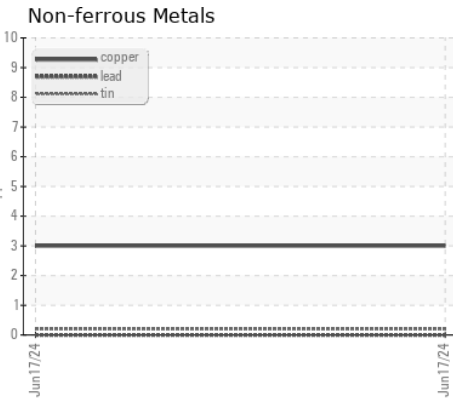
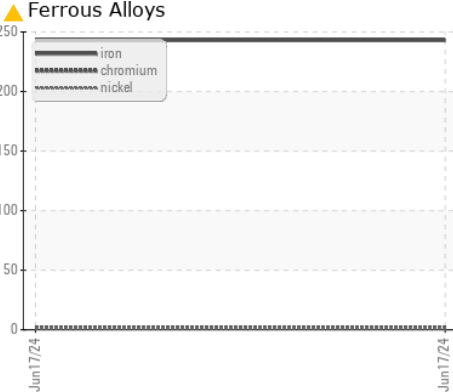


OIL ANALYSIS REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0746154 **Received** : 24 Jun 2024
Lab Number : **06218947** **Tested** : 26 Jun 2024
Unique Number : 11097144 **Diagnosed** : 26 Jun 2024 - Sean Felton
Test Package : FLEET (Additional Tests: KF)

ASSOCIATED GRAIN TERMINALS
 13723 HWY 15
 BRAITHWAITE, LA
 US 70040
 Contact: Service Manager

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: