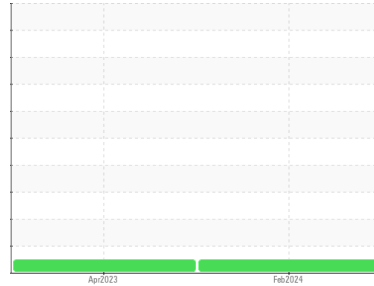




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CR-3305

Component
Right Track Drive

Fluid
GEAR OIL ISO 220 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0833421	WC0784976	---
Sample Date	Client Info	19 Feb 2024	05 Apr 2023	---
Machine Age	hrs	Client Info	10157	8087
Oil Age	hrs	Client Info	0	1000
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	NEG	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >1000	14	20
Chromium	ppm	ASTM D5185m >30	<1	0
Nickel	ppm	ASTM D5185m >7	0	0
Titanium	ppm	ASTM D5185m	0	<1
Silver	ppm	ASTM D5185m	0	0
Aluminum	ppm	ASTM D5185m >25	<1	0
Lead	ppm	ASTM D5185m >50	3	12
Copper	ppm	ASTM D5185m >100	<1	6
Tin	ppm	ASTM D5185m >5	0	0
Vanadium	ppm	ASTM D5185m	0	0
Cadmium	ppm	ASTM D5185m	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 50	0	8
Barium	ppm	ASTM D5185m 15	0	0
Molybdenum	ppm	ASTM D5185m 15	0	<1
Manganese	ppm	ASTM D5185m	<1	<1
Magnesium	ppm	ASTM D5185m 50	5	<1
Calcium	ppm	ASTM D5185m 50	8	4
Phosphorus	ppm	ASTM D5185m 350	112	429
Zinc	ppm	ASTM D5185m 100	43	4
Sulfur	ppm	ASTM D5185m 12500	1617	4027

CONTAMINANTS

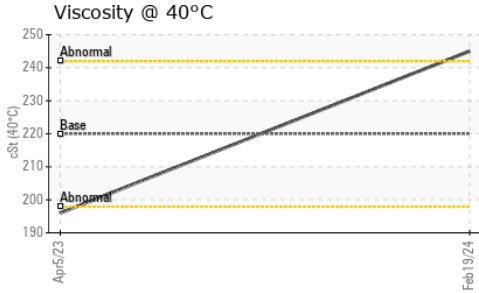
method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >150	8	23
Sodium	ppm	ASTM D5185m	0	0
Potassium	ppm	ASTM D5185m >20	0	1

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE
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
Free Water	scalar	*Visual	NEG	NEG



OIL ANALYSIS REPORT



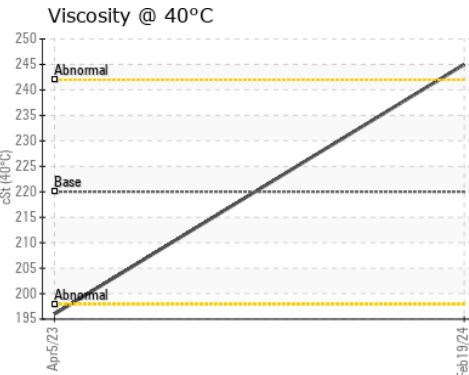
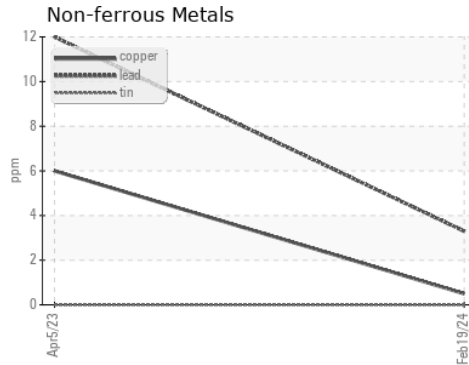
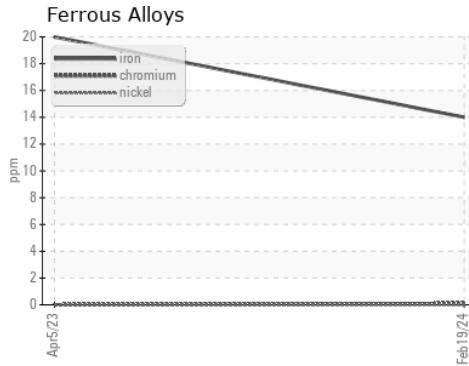
FLUID PROPERTIES

method	limit/base	current	history1	history2		
Visc @ 40°C	cSt	ASTM D445	220	245	196	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0833421 **Received** : 26 Feb 2024
Lab Number : **06101240** **Tested** : 28 Feb 2024
Unique Number : 10899470 **Diagnosed** : 28 Feb 2024 - Don Baldrige
Test Package : CONST

BUCKNER - WILLIS
 18123 HWY 75 NORTH
 WILLIS, TX
 US 77378

Contact: JOHN HAWKINS
johnh@bucknercompanies.com

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: