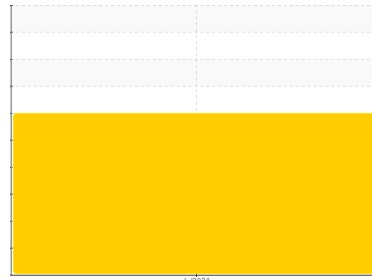




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
KHS L4 FILLER INFEEED
 Component
Gearbox
 Fluid
KLUBER KLUBEROIL 4 UH1-460 N (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We advise that you follow the water drain-off procedure for this component. We advise that you use off-line filtration with water adsorbent filters to attempt to remove the water from this oil. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

● Wear

Aluminum ppm levels are noted. All other component wear rates are normal.

▲ Contamination

There is a moderate concentration of water present in the oil. Excessive free water present.

● Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0954013	---	---
Sample Date	Client Info		02 Jul 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	18	---
Chromium	ppm	ASTM D5185(m)	>15	1	---
Nickel	ppm	ASTM D5185(m)	>15	<1	---
Titanium	ppm	ASTM D5185(m)		0	---
Silver	ppm	ASTM D5185(m)		0	---
Aluminum	ppm	ASTM D5185(m)	>25	29	---
Lead	ppm	ASTM D5185(m)	>100	3	---
Copper	ppm	ASTM D5185(m)	>200	16	---
Tin	ppm	ASTM D5185(m)	>25	<1	---
Antimony	ppm	ASTM D5185(m)	>5	<1	---
Vanadium	ppm	ASTM D5185(m)		0	---
Beryllium	ppm	ASTM D5185(m)		0	---
Cadmium	ppm	ASTM D5185(m)		0	---

ADDITIVES

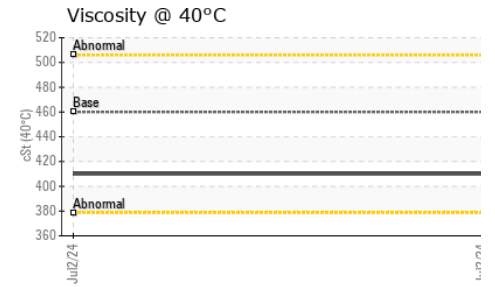
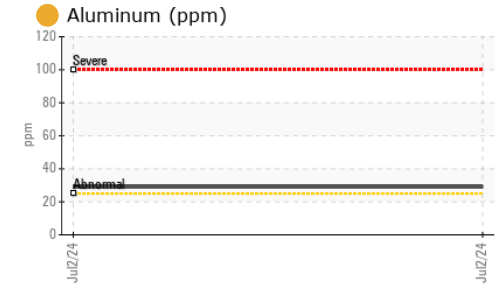
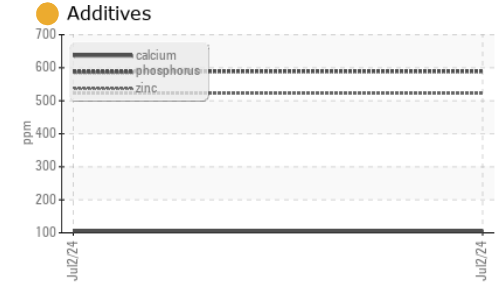
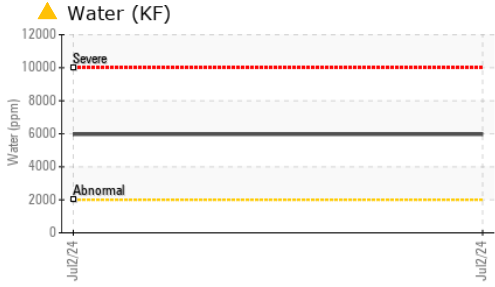
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1	---
Barium	ppm	ASTM D5185(m)		<1	---
Molybdenum	ppm	ASTM D5185(m)		0	---
Manganese	ppm	ASTM D5185(m)		<1	---
Magnesium	ppm	ASTM D5185(m)		<1	---
Calcium	ppm	ASTM D5185(m)		105	---
Phosphorus	ppm	ASTM D5185(m)		589	---
Zinc	ppm	ASTM D5185(m)		522	---
Sulfur	ppm	ASTM D5185(m)		1138	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	32	---
Sodium	ppm	ASTM D5185(m)		16	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---
Water	%	ASTM D6304*	>0.2	▲ 0.596	---
ppm Water	ppm	ASTM D6304*	>2000	▲ 5968	---



OIL ANALYSIS REPORT



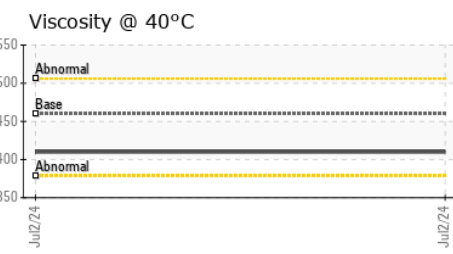
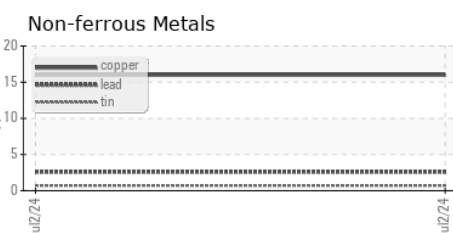
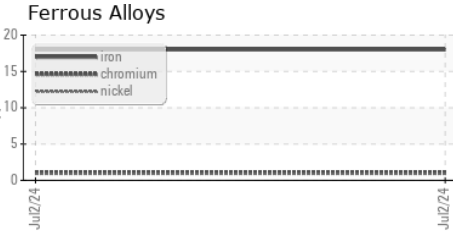
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	▲ LAYRD	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	▲ 1%	---	---
Free Water	scalar	Visual*		▲ >10%	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	460	410	---	---

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 - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0954013
Lab Number : 02648249
Unique Number : 5813801
Test Package : IND 1 (Additional Tests: KF)
Received : 16 Jul 2024
Tested : 19 Jul 2024
Diagnosed : 19 Jul 2024 - Kevin Marson

COCA COLA CANADA BOTTLING LTD.
 15 WEST CREEK BLVD
 BRAMPTON, ON
 CA L6T 5T4
 Contact: Chandan Ahuja
 cahuja@cokecanada.com
 T: (635)440-5087
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.