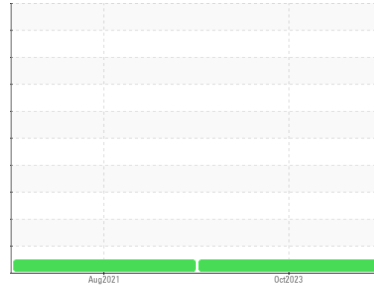# OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id
CAUSTIC TANK
Component
Gearbox
Fluid
GEAR OIL ISO 150 (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. Due to this condition we recommend the following action... We advise an early resample to confirm this situation.

Wear

{not applicable}

Contamination

Insufficient sample was received to conduct all the routine laboratory tests.

Fluid Condition

{not applicable}

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		**WC0799291**	WC0456603	---
Sample Date	Client Info		**05 Oct 2023**	25 Aug 2021	---
Machine Age	hrs	Client Info	**0**	0	---
Oil Age	hrs	Client Info	**0**	0	---
Oil Changed	Client Info		**N/A**	N/A	---
Sample Status			**NORMAL**	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	**123**	52	---
Chromium	ppm	ASTM D5185(m)	>10	**1**	<1	---
Nickel	ppm	ASTM D5185(m)	>10	**1**	<1	---
Titanium	ppm	ASTM D5185(m)		**0**	0	---
Silver	ppm	ASTM D5185(m)		**<1**	0	---
Aluminum	ppm	ASTM D5185(m)		**<1**	<1	---
Lead	ppm	ASTM D5185(m)		**<1**	<1	---
Copper	ppm	ASTM D5185(m)		**2**	2	---
Tin	ppm	ASTM D5185(m)		**<1**	<1	---
Antimony	ppm	ASTM D5185(m)	>5	**0**	<1	---
Vanadium	ppm	ASTM D5185(m)		**0**	0	---
Beryllium	ppm	ASTM D5185(m)		**0**	0	---
Cadmium	ppm	ASTM D5185(m)		**0**	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	50	**6**	4	---
Barium	ppm	ASTM D5185(m)	15	**15**	3	---
Molybdenum	ppm	ASTM D5185(m)	15	**0**	0	---
Manganese	ppm	ASTM D5185(m)		**1**	1	---
Magnesium	ppm	ASTM D5185(m)	50	**<1**	<1	---
Calcium	ppm	ASTM D5185(m)	50	**55**	20	---
Phosphorus	ppm	ASTM D5185(m)	350	**243**	230	---
Zinc	ppm	ASTM D5185(m)	100	**12**	22	---
Sulfur	ppm	ASTM D5185(m)	12500	**5129**	7944	---
Lithium	ppm	ASTM D5185(m)		**2**	<1	---

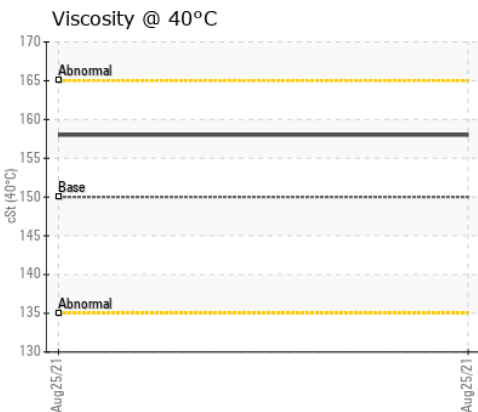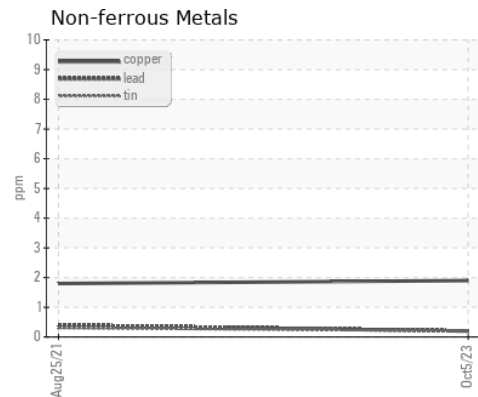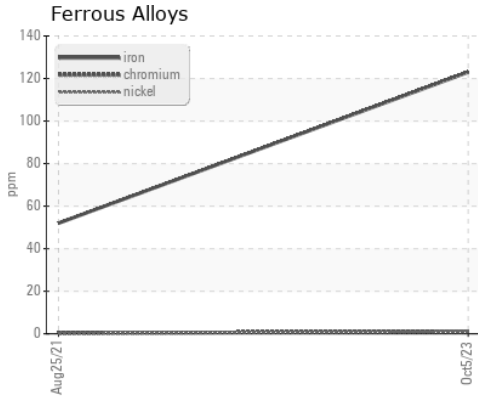| CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		**7**	8	---
Sodium	ppm	ASTM D5185(m)		**3**	2	---
Potassium	ppm	ASTM D5185(m)	>20	**<1**	<1	---

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**	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	**NONE**	NONE	---
Appearance	scalar	Visual*	NORML	**NORML**	NORML	---
Odor	scalar	Visual*	NORML	**NORML**	NORML	---

OIL ANALYSIS REPORT

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

GRAPHS

Ferrous Alloys

iron, chromium, nickel

Non-ferrous Metals

copper, lead, tin

Viscosity @ 40°C

Report Id: INCOCCSMR [WCAMIS] 02588453 (Generated: 10/12/2023 16:48:51) Rev: 1   Contact/Location: Andy Kozachanko - INCOCCSMR

Page 2 of 2