

Machine Id
#1 CO2 COMP

Component
Compressor

Fluid
REFRIG COMP OIL ISO 68 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) REFRIG COMP OIL ISO 68. Please confirm.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	PC0052463	PC0052848	---
Sample Date	Client Info	15 May 2023	07 Jun 2022	---
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

PQ	ASTM D8184*		0	0	---
Iron	ppm	ASTM D5185(m) >50	<1	<1	---
Chromium	ppm	ASTM D5185(m) >10	0	0	---
Nickel	ppm	ASTM D5185(m)	0	0	---
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m)	0	0	---
Aluminum	ppm	ASTM D5185(m) >25	0	<1	---
Lead	ppm	ASTM D5185(m) >25	0	<1	---
Copper	ppm	ASTM D5185(m) >50	<1	2	---
Tin	ppm	ASTM D5185(m) >15	0	<1	---
Antimony	ppm	ASTM D5185(m)	0	0	---
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) 5	0	<1	---
Barium	ppm	ASTM D5185(m) 5	0	0	---
Molybdenum	ppm	ASTM D5185(m) 5	0	0	---
Manganese	ppm	ASTM D5185(m)	0	0	---
Magnesium	ppm	ASTM D5185(m) 5	0	0	---
Calcium	ppm	ASTM D5185(m) 12	0	<1	---
Phosphorus	ppm	ASTM D5185(m) 12	0	2	---
Zinc	ppm	ASTM D5185(m) 12	<1	<1	---
Sulfur	ppm	ASTM D5185(m) 1000	5	14	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

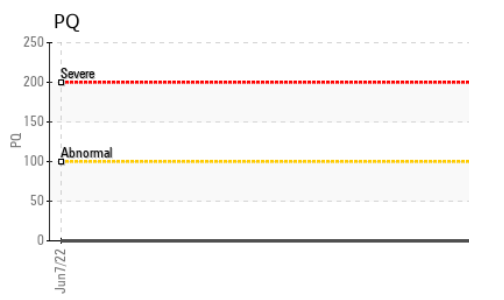
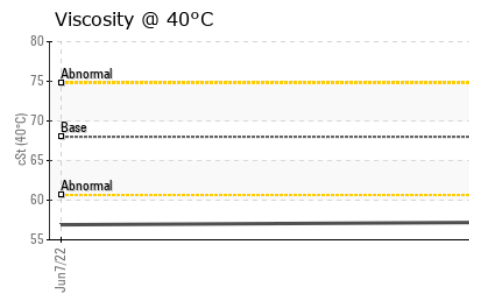
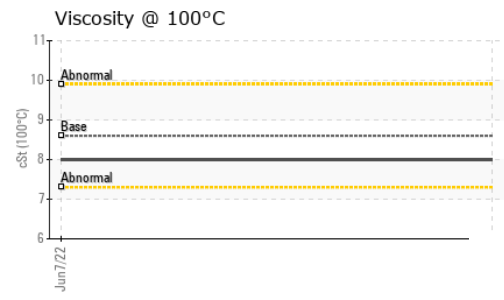
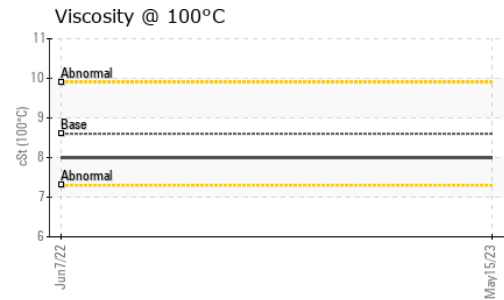
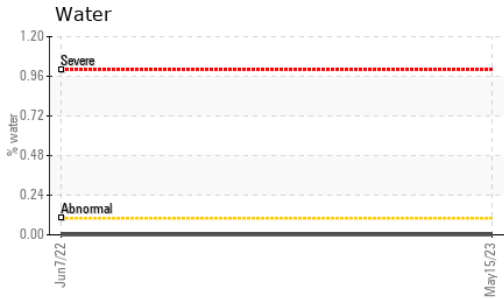
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m) >25	6	5	---
Sodium	ppm	ASTM D5185(m)	0	0	---
Potassium	ppm	ASTM D5185(m) >20	0	<1	---
Water	%	ASTM D6304* >0.1	0.001	0.001	---
ppm Water	ppm	ASTM D6304* >1000	3.5	3.0	---

FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D974* 0.10	0.01	0.03	---
------------------	----------	-----------------	-------------	------	-----

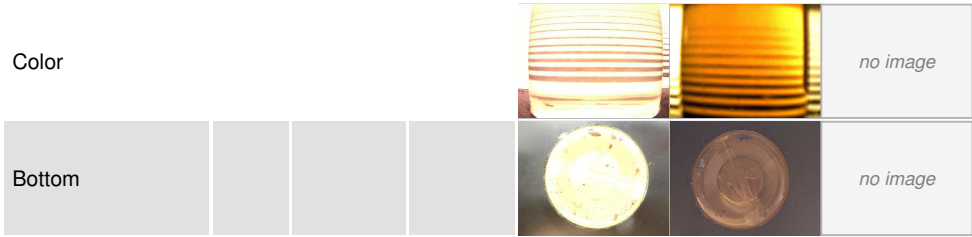
OIL ANALYSIS REPORT



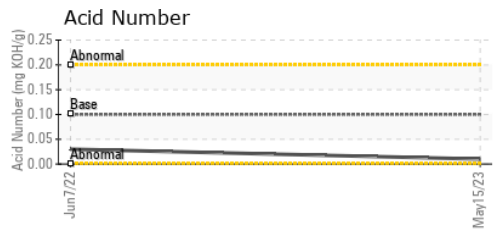
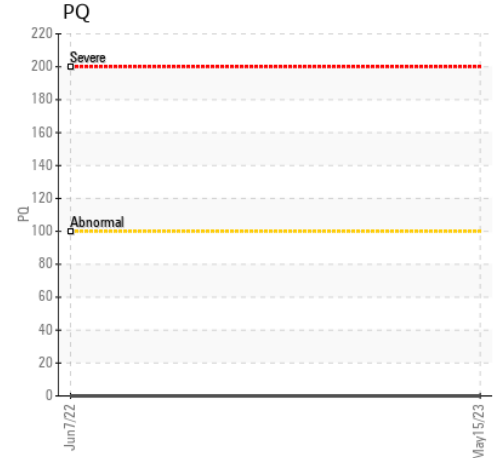
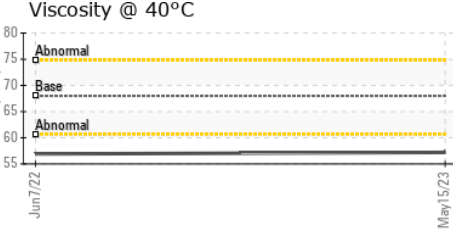
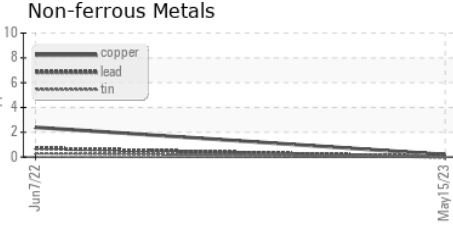
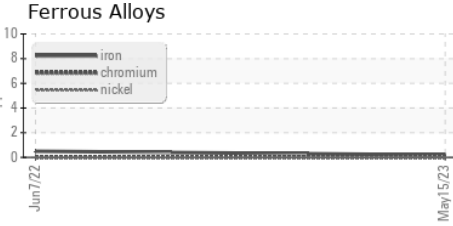
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	68	57.2	56.9
Visc @ 100°C	cSt	ASTM D7279(m)	8.6	8	8
Viscosity Index (VI)	Scale	ASTM D2270*	96	106	107

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0052463 **Received** : 16 May 2023
Lab Number : 02557839 **Diagnosed** : 17 May 2023
Unique Number : 5578879 **Diagnostician** : Wes Davis
Test Package : IND 2 (Additional Tests: KF, KV100, VI)

Labatt - St. John's Brewery
 80 Leslie Street
 St John's, NL
 CA A1E 2V8
 Contact: Rod Penney
 rod.penney@labatt.com
 T: (709)570-7152
 F: (709)570-7160

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.