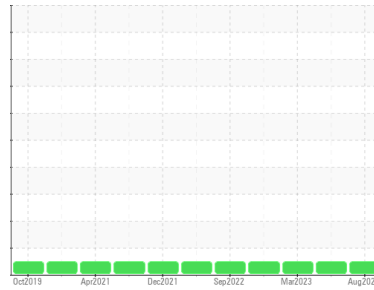




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**P21054 COMPRESSOR #1**  
 Component  
**1 Compressor**  
 Fluid  
**INGERSOLL-RAND TECHTROL GOLD (--- 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 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			<b>CB0031332</b>	CB0031390	CB0031336
Sample Date	Client Info			<b>23 Aug 2023</b>	08 May 2023	20 Mar 2023
Machine Age	hrs	Client Info		<b>0</b>	37555	0
Oil Age	hrs	Client Info		<b>39369</b>	0	0
Oil Changed	Client Info			<b>Not Changed</b>	N/A	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

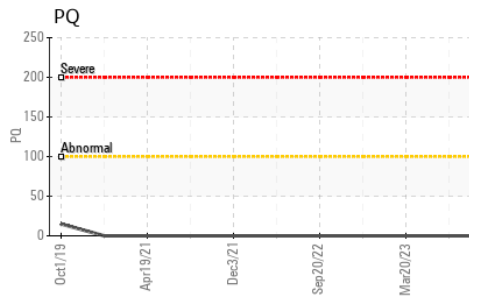
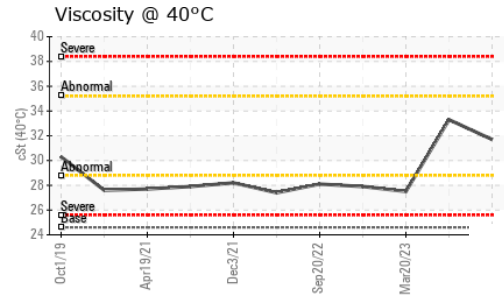
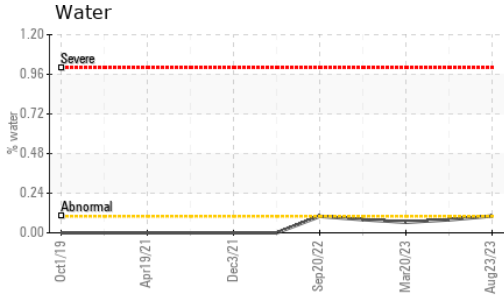
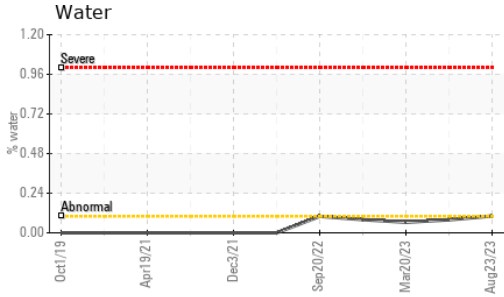
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		<b>0</b>	0	0
Iron	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	<1	<1
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>50	<b>3</b>	3	3
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	2
Barium	ppm	ASTM D5185(m)		<b>379</b>	390	383
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Calcium	ppm	ASTM D5185(m)		<b>2</b>	<1	<1
Phosphorus	ppm	ASTM D5185(m)		<b>139</b>	147	144
Zinc	ppm	ASTM D5185(m)		<b>3</b>	2	2
Sulfur	ppm	ASTM D5185(m)		<b>261</b>	280	271
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	0
Sodium	ppm	ASTM D5185(m)		<b>22</b>	22	21
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	<1
Water	%	ASTM D6304*	>0.1	<b>0.102</b>	0.079	0.064
ppm Water	ppm	ASTM D6304*	>1000	<b>1022.1</b>	798.2	644.0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.10	<b>0.54</b>	0.54	0.49

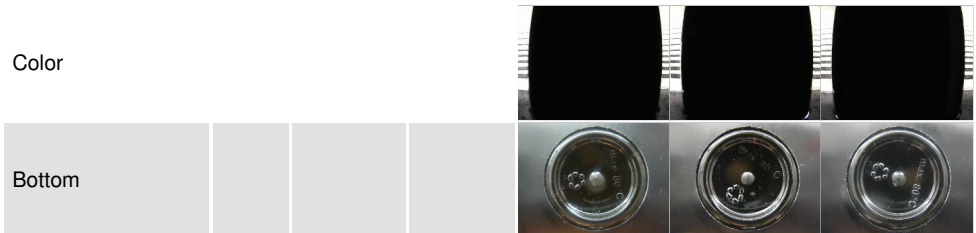
# OIL ANALYSIS REPORT



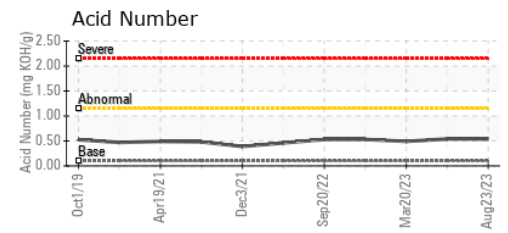
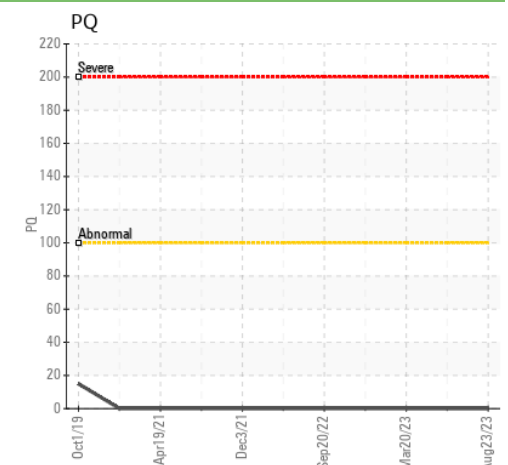
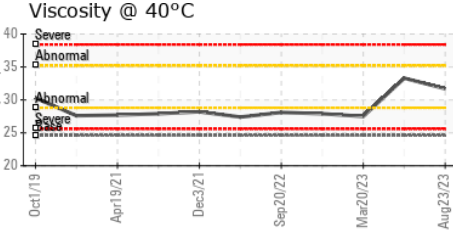
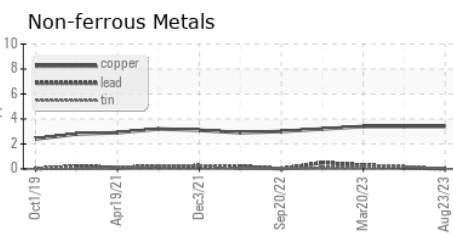
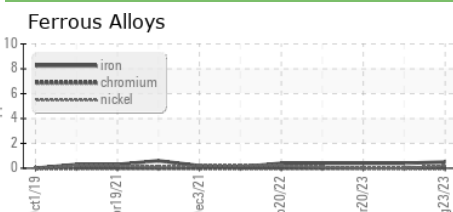
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	24.6	31.7	33.3

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CB0031332 **Received** : 29 Aug 2023  
**Lab Number** : 02579140 **Diagnosed** : 30 Aug 2023  
**Unique Number** : 5632200 **Diagnostician** : Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KF, TAN Man )

**Pepsico Foods Canada**  
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 tom.mclean@pepsico.com  
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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.