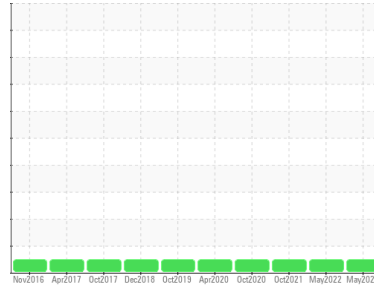




Machine Id  
**DRYER DEPT 2 (S/N 03142)**  
Component  
**Reciprocating Compressor**  
Fluid  
**TRIBOSPEC FRIGOSPEC ISO 68 (20 LTR)**



**DIAGNOSIS**

**Recommendation**  
Resample at the next service interval to monitor.

**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	<b>PC0076122</b>	PC0051904	PC0051881
Sample Date	Client Info	<b>05 May 2023</b>	09 May 2022	27 Oct 2021
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
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>2</b>	2	2
Chromium	ppm	ASTM D5185(m) >10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	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	0
Copper	ppm	ASTM D5185(m) >50	<b>0</b>	<1	<1
Tin	ppm	ASTM D5185(m) >15	<b>&lt;1</b>	<1	<1
Antimony	ppm	ASTM D5185(m)	<b>&lt;1</b>	0	<1
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>0</b>	<1	<1
Barium	ppm	ASTM D5185(m)	<b>0</b>	0	0
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>0</b>	0	0
Calcium	ppm	ASTM D5185(m)	<b>0</b>	0	<1
Phosphorus	ppm	ASTM D5185(m)	<b>0</b>	0	0
Zinc	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Sulfur	ppm	ASTM D5185(m)	<b>21</b>	19	18
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1

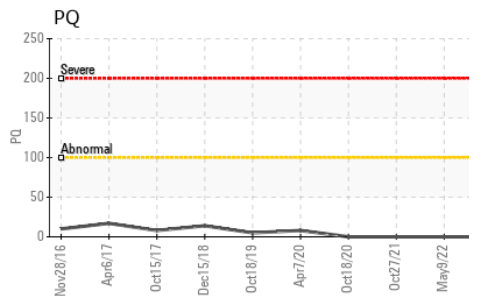
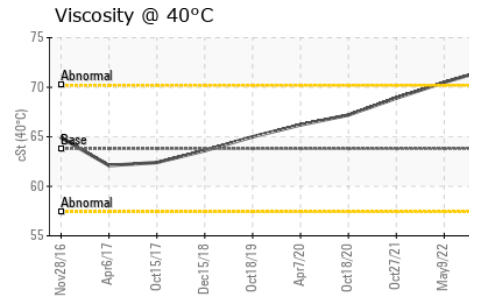
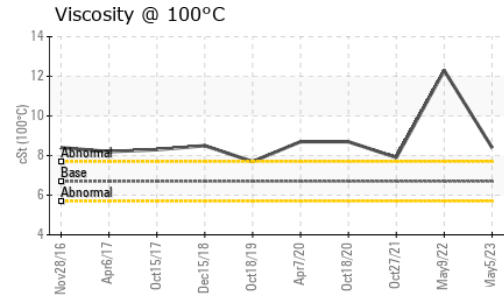
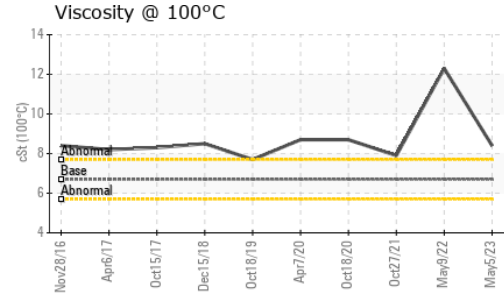
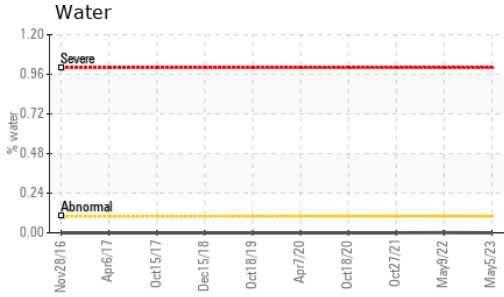
**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m) >25	<b>0</b>	0	0
Sodium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Potassium	ppm	ASTM D5185(m) >20	<b>0</b>	<1	<1
Water	%	ASTM D6304* >0.1	<b>0.00</b>	0.001	---
ppm Water	ppm	ASTM D6304* >1000	<b>0.00</b>	13.5	---

**FLUID DEGRADATION** method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D974*	<b>0.01</b>	0.03	0.01
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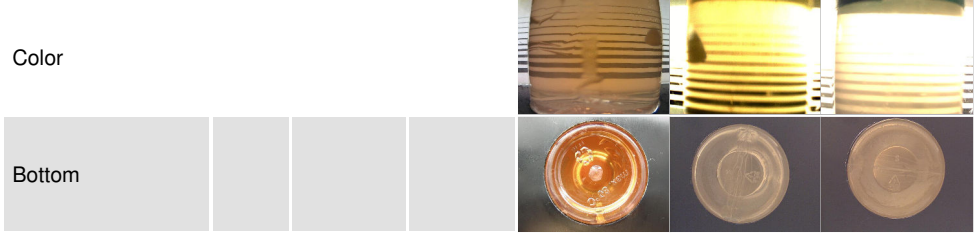
# OIL ANALYSIS REPORT



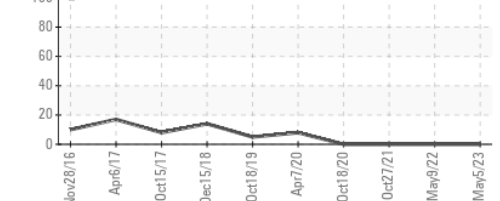
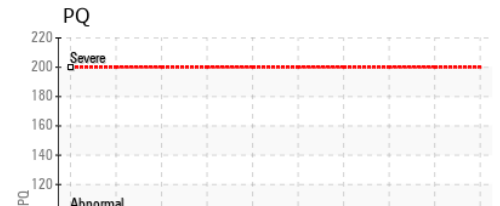
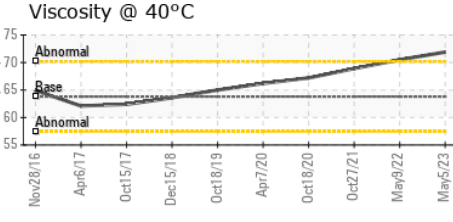
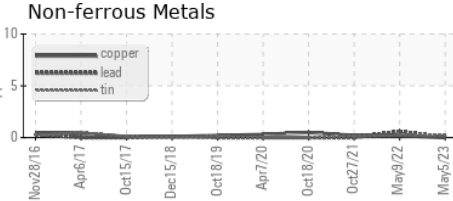
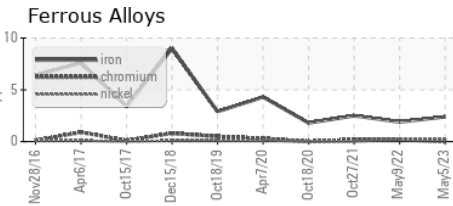
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	AMMON	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)	63.8	71.9	70.5
Visc @ 100°C	cSt	ASTM D7279(m)	6.7	8.4	12.3
Viscosity Index (VI)	Scale	ASTM D2270*		82	174

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.** : PC0076122 **Received** : 09 May 2023  
**Lab Number** : 02556210 **Diagnosed** : 10 May 2023  
**Unique Number** : 5577250 **Diagnostician** : Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, TAN MAN, VI )

**SAPUTO FOODS LTD**  
 284 HOPE STREET WEST  
 TAVISTOCK, ON  
 CA N0B 2R0  
 Contact: Joseph Ross  
 joseph.ross@saputo.com  
 T: (519)655-2337  
 F: (519)655-3449

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.