

Area  
**DRYER DEPT**  
Machine Id  
**WHEY COMPRESSOR 4 (S/N 03715)**  
Component  
**Reciprocating Compressor**  
Fluid  
**TRIBOSPEC FRIGOSPEC ISO 68 (16 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0080971</b>	PC412169	PC381861
Sample Date		Client Info		<b>01 May 2024</b>	14 Apr 2019	09 Mar 2016
Machine Age	hrs	Client Info		<b>8977</b>	0	25427
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Not Chngd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

**WEAR**

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185(m)	>50	<b>15</b>	3	16
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185(m)		<b>0</b>	0	<1
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>	0	<1
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	<1
Copper	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	0	<1
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	0	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

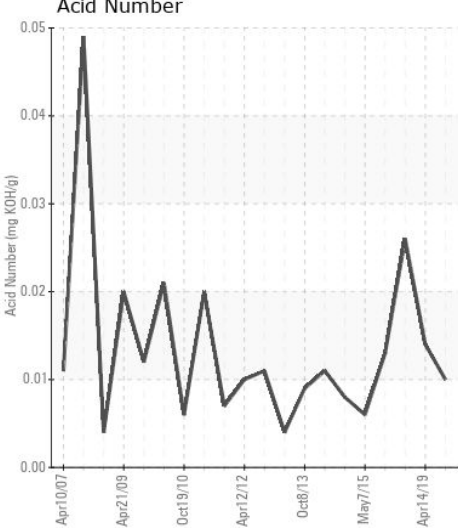
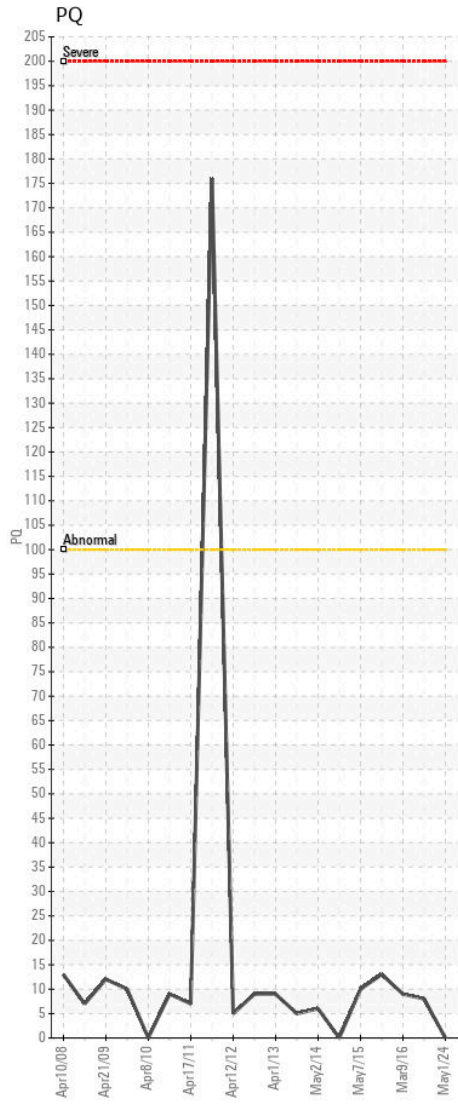
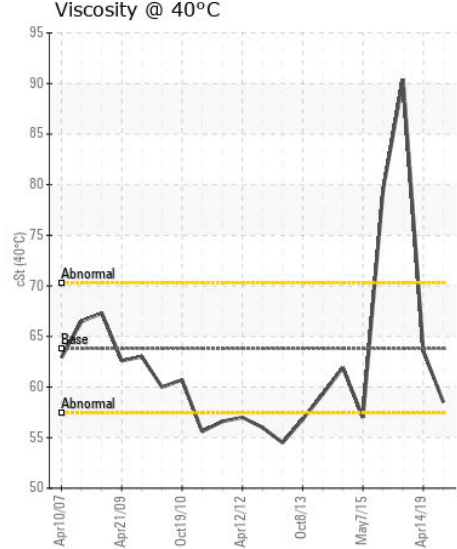
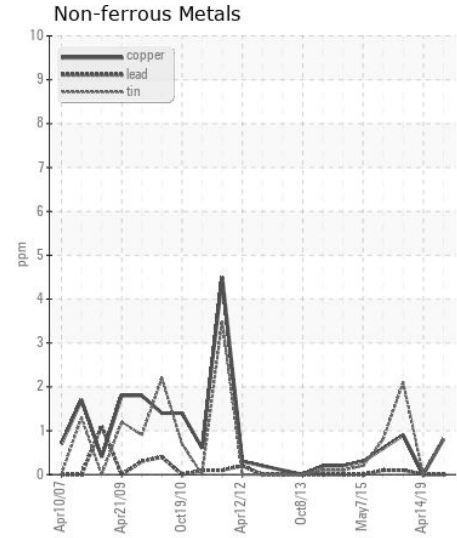
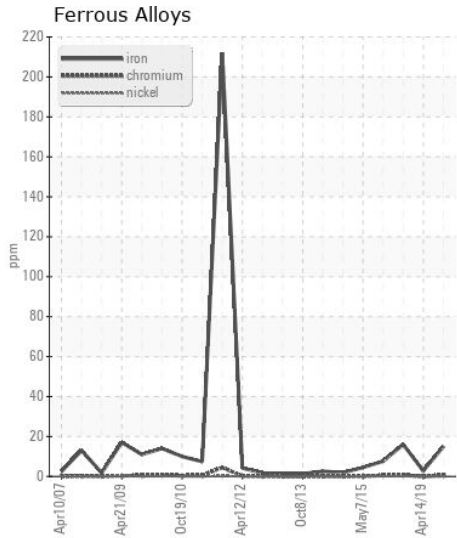
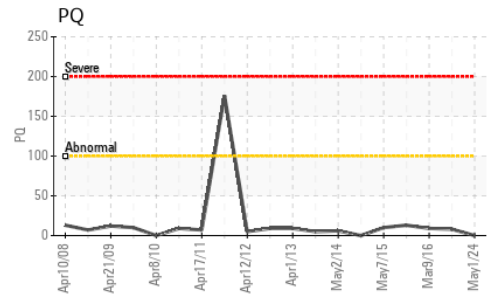
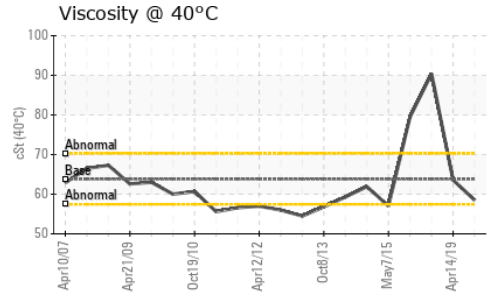
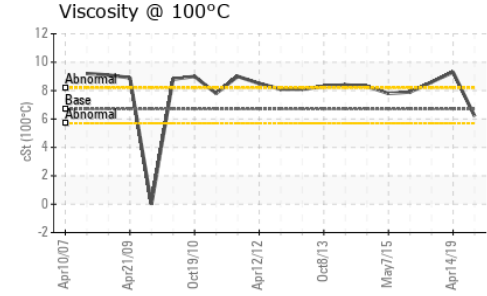
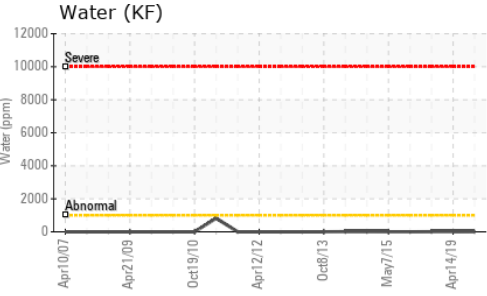
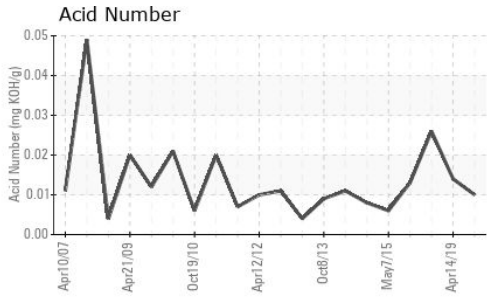
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	<b>4</b>	0	1
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	0
Water	%	ASTM D6304*	>0.1	<b>0.001</b>	0.000	0.000
ppm Water	ppm	ASTM D6304*	>1000	<b>11</b>	6.7	5.4
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	AMMON	▲ AMMON
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Calcium	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Phosphorus	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Zinc	ppm	ASTM D5185(m)		<b>2</b>	<1	2
Sulfur	ppm	ASTM D5185(m)		<b>8</b>	253	207
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.01</b>	0.014	0.026
Visc @ 40°C	cSt	ASTM D7279(m)	63.8	<b>58.5</b>	63.6	▲ 90.4
Visc @ 100°C	cSt	ASTM D7279(m)	6.7	<b>6.2</b>	9.3	8.6
Viscosity Index (VI)	Scale	ASTM D2270*		<b>14</b>	124	▲ 49



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0080971 **Received** : 13 Jun 2024  
**Lab Number** : **02641747** **Tested** : 14 Jun 2024  
**Unique Number** : 5799286 **Diagnosed** : 14 Jun 2024 - Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, TAN Man, VI )

**SAPUTO FOODS LTD**  
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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.