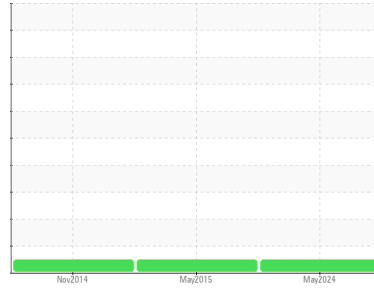


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**COMPRESSOR #2, PACKAGING NH3 (S/N G0627)**  
Component  
**Screw Compressor**  
Fluid  
**PETRO CANADA REFLO 68A AMMONIA OIL (35 GAL)**

## 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>PC0087795</b>	PC366915	PC364362
Sample Date	Client Info			<b>15 May 2024</b>	07 May 2015	03 Nov 2014
Machine Age	hrs	Client Info		<b>91126</b>	35715	34008
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

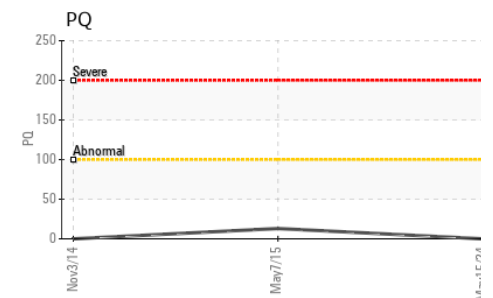
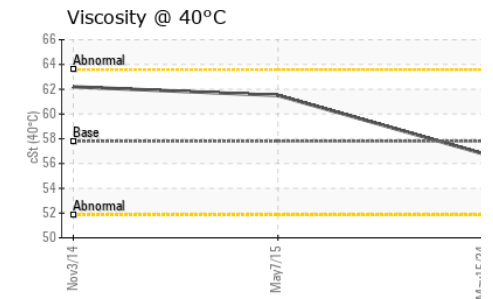
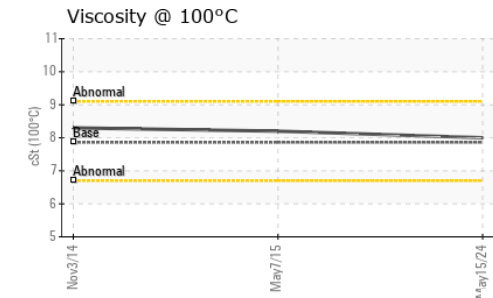
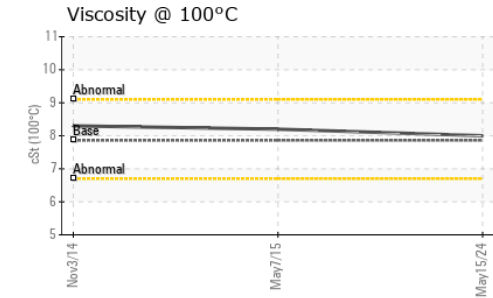
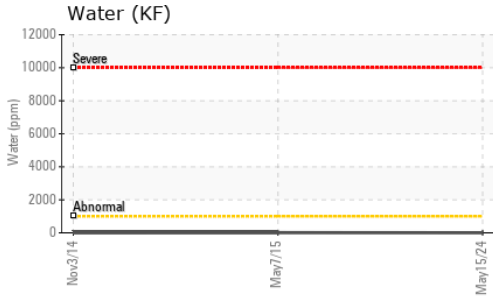
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		<b>0</b>	13	0
Iron	ppm	ASTM D5185(m)	>60	<b>0</b>	15	17
Chromium	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)		<b>0</b>	0	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	2	<1
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
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>	<1	<1

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	<1
Calcium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Phosphorus	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Zinc	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	5	4
Sulfur	ppm	ASTM D5185(m)	0	<b>19</b>	1481	1752
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	3	3
Sodium	ppm	ASTM D5185(m)		<b>0</b>	4	4
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Water	%	ASTM D6304*	>0.1	<b>0.00</b>	0.000	0.000
ppm Water	ppm	ASTM D6304*	>1000	<b>0</b>	8.1	7.6

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.05	<b>0.01</b>	0.012	0.009

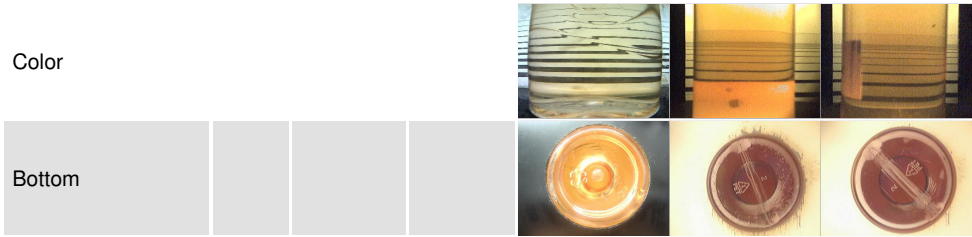
# OIL ANALYSIS REPORT



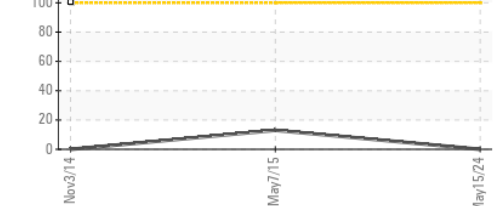
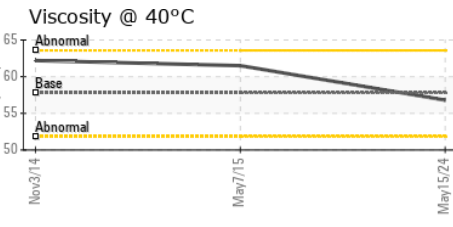
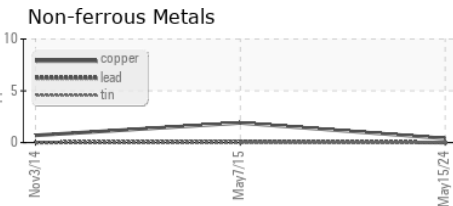
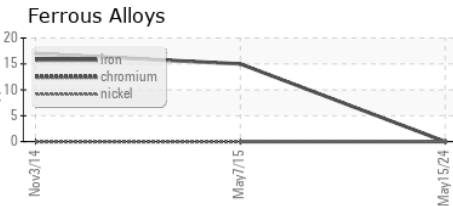
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE
Appearance	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)	57.8	61.5	62.2
Visc @ 100°C	cSt	ASTM D7279(m)	7.86	8.2	8.3
Viscosity Index (VI)	Scale	ASTM D2270*	101	100	102

## SAMPLE IMAGES



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0087795 **Received** : 13 Jun 2024  
**Lab Number** : 02641749 **Tested** : 14 Jun 2024  
**Unique Number** : 5799288 **Diagnosed** : 14 Jun 2024 - Wes Davis  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, TAN Man, VI )

**SAPUTO FOODS LTD**  
 284 HOPE STREET WEST  
 TAVISTOCK, ON  
 CA N0B 2R0

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.

Contact: Brian Schwartzentruber  
 bschwartzentruber@saputo.com  
 T: (519)655-2337  
 F: (519)655-3449