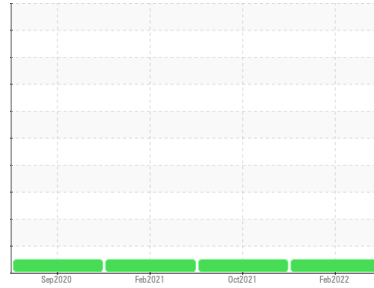


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**VILTER VILTER 3 (S/N 201372)**  
 Component  
**Compressor**  
 Fluid  
**PETRO CANADA REFLO SYNTHETIC 68A LOW TEMP FLUID (--- 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 component.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	<b>PCA0059753</b>	PCA0059738	PCA0043042
Sample Date	Client Info	<b>08 Feb 2022</b>	08 Oct 2021	08 Feb 2021
Machine Age	hrs Client Info	<b>0</b>	0	0
Oil Age	hrs Client Info	<b>0</b>	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	history 1	history 2
Iron ppm ASTM D5185m	>50	<b>0</b>	0	<1
Chromium ppm ASTM D5185m	>10	<b>0</b>	0	0
Nickel ppm ASTM D5185m		<b>0</b>	0	1
Titanium ppm ASTM D5185m		<b>0</b>	0	0
Silver ppm ASTM D5185m		<b>0</b>	<1	0
Aluminum ppm ASTM D5185m	>25	<b>2</b>	2	0
Lead ppm ASTM D5185m	>25	<b>0</b>	0	0
Copper ppm ASTM D5185m	>50	<b>0</b>	0	0
Tin ppm ASTM D5185m	>15	<b>0</b>	0	2
Antimony ppm ASTM D5185m		<b>0</b>	0	0
Vanadium ppm ASTM D5185m		<b>0</b>	0	0
Cadmium ppm ASTM D5185m		<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history 1	history 2
Boron ppm ASTM D5185m	0	<b>&lt;1</b>	1	0
Barium ppm ASTM D5185m	0	<b>0</b>	0	0
Molybdenum ppm ASTM D5185m	0	<b>0</b>	0	<1
Manganese ppm ASTM D5185m		<b>0</b>	0	0
Magnesium ppm ASTM D5185m	0	<b>0</b>	0	0
Calcium ppm ASTM D5185m	0	<b>0</b>	0	0
Phosphorus ppm ASTM D5185m	0	<b>20</b>	4	0
Zinc ppm ASTM D5185m	0	<b>0</b>	0	0
Sulfur ppm ASTM D5185m	0	<b>14</b>	43	48

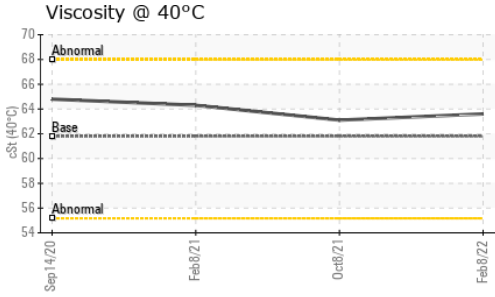
## CONTAMINANTS

method	limit/base	current	history 1	history 2
Silicon ppm ASTM D5185m	>25	<b>&lt;1</b>	<1	1
Sodium ppm ASTM D5185m		<b>&lt;1</b>	0	0
Potassium ppm ASTM D5185m	>20	<b>&lt;1</b>	0	0

## VISUAL

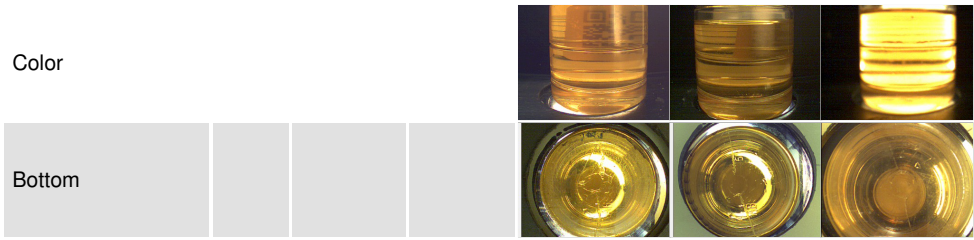
method	limit/base	current	history 1	history 2
White Metal scalar *Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal scalar *Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate scalar *Visual	NONE	<b>NONE</b>	NONE	NONE
Silt scalar *Visual	NONE	<b>NONE</b>	NONE	NONE
Debris scalar *Visual	NONE	<b>LIGHT</b>	NONE	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>	NORML	NORML
Emulsified Water scalar *Visual	>0.1	<b>NEG</b>	NEG	NEG
Free Water scalar *Visual		<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

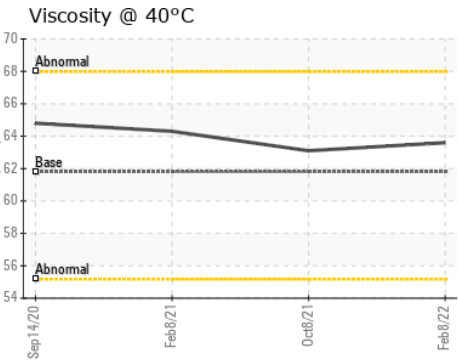
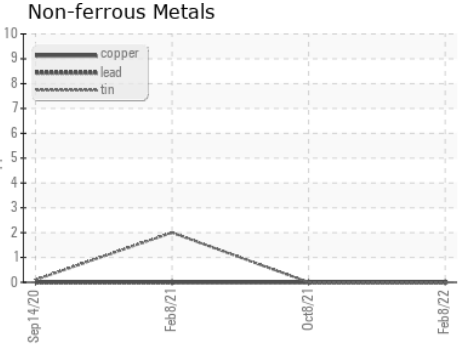
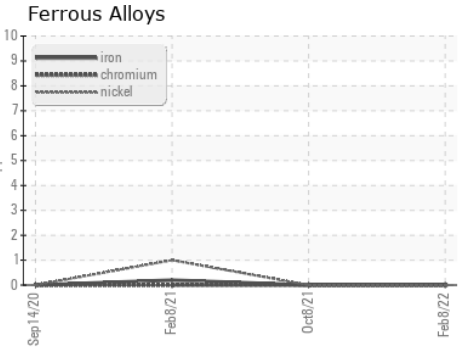


FLUID PROPERTIES		method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	61.8	<b>63.6</b>	63.1	64.3

SAMPLE IMAGES		method	limit/base	current	history 1	history 2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0059753 **Received** : 14 Feb 2022  
**Lab Number** : 05468060 **Diagnosed** : 16 Feb 2022  
**Unique Number** : 9852273 **Diagnostician** : Angela Borella  
**Test Package** : IND 1

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 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)