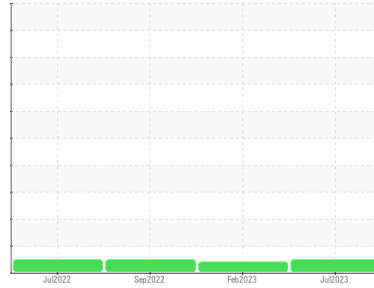


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**Front Load**  
Machine Id  
**FEL215598**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- 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 fluid.

### Fluid Condition

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

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0090755</b>	PCA0083090	PCA0078240
Sample Date	Client Info	<b>03 Jul 2023</b>	20 Feb 2023	26 Sep 2022
Machine Age	hrs Client Info	<b>3828</b>	1945	1945
Oil Age	hrs Client Info	<b>3462</b>	1945	1477
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	ABNORMAL	NORMAL

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>220	<b>105</b>	95	82
Chromium ppm ASTM D5185m	>2	<b>&lt;1</b>	<1	0
Nickel ppm ASTM D5185m	>5	<b>1</b>	<1	0
Titanium ppm ASTM D5185m		<b>0</b>	<1	0
Silver ppm ASTM D5185m	>5	<b>0</b>	0	0
Aluminum ppm ASTM D5185m	>75	<b>49</b>	39	35
Lead ppm ASTM D5185m	>95	<b>36</b>	31	31
Copper ppm ASTM D5185m	>60	<b>36</b>	22	16
Tin ppm ASTM D5185m	>10	<b>6</b>	5	4
Vanadium ppm ASTM D5185m		<b>0</b>	0	0
Cadmium ppm ASTM D5185m		<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<b>104</b>	116	90
Barium ppm ASTM D5185m		<b>2</b>	0	3
Molybdenum ppm ASTM D5185m		<b>2</b>	2	2
Manganese ppm ASTM D5185m		<b>2</b>	3	2
Magnesium ppm ASTM D5185m		<b>&lt;1</b>	4	<1
Calcium ppm ASTM D5185m		<b>105</b>	101	39
Phosphorus ppm ASTM D5185m		<b>309</b>	314	261
Zinc ppm ASTM D5185m		<b>6</b>	28	4
Sulfur ppm ASTM D5185m		<b>1073</b>	893	833

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	<b>6</b>	7	4
Sodium ppm ASTM D5185m		<b>7</b>	8	4
Potassium ppm ASTM D5185m	>20	<b>5</b>	5	5

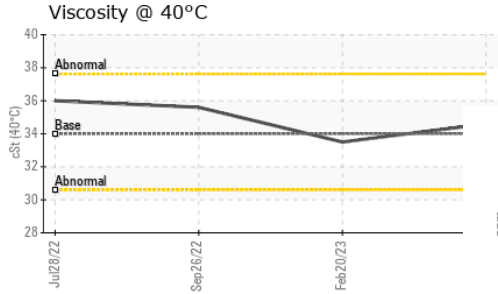
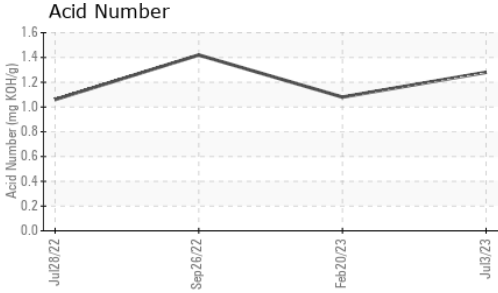
## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		<b>1.28</b>	1.08	1.42

## VISUAL

method	limit/base	current	history1	history2
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>NONE</b>	▲ MODER	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

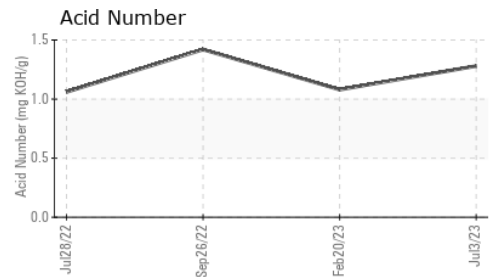
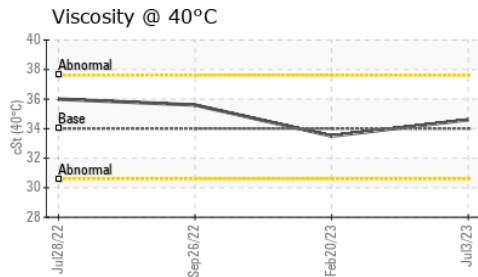
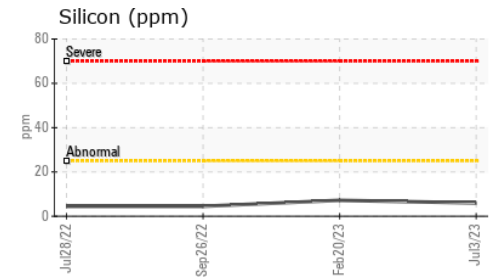
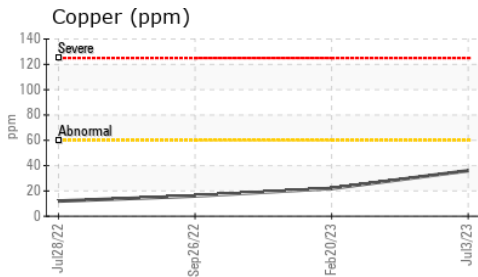
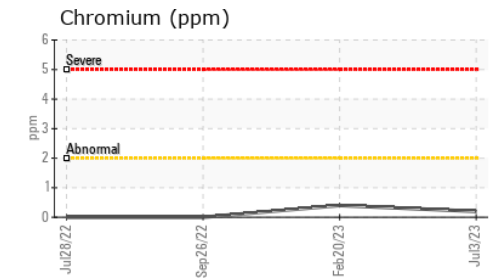
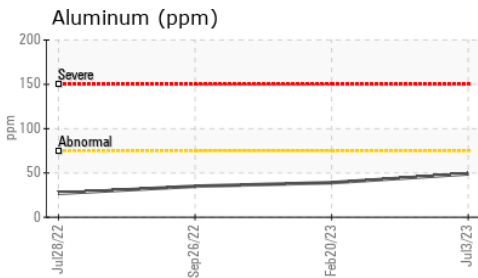
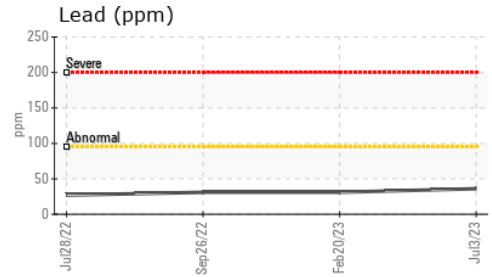
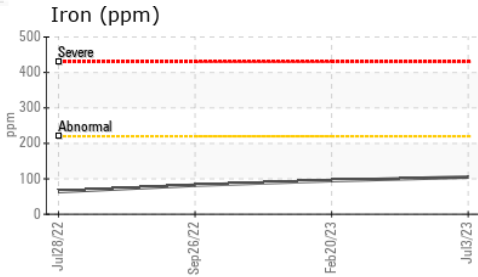
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	34	<b>34.6</b>	33.5	35.6

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0090755 **Received** : 14 Jul 2023  
**Lab Number** : 05898737 **Diagnosed** : 17 Jul 2023  
**Unique Number** : 10560093 **Diagnostician** : Wes Davis  
**Test Package** : MOB 2

**UMM - Shop 401 - Norton**  
 186 South Washington Street  
 Norton, MA  
 US 02766  
 Contact: Dave Wilson Jr.  
 Dwilson1@win-waste.com

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)

T:  
F: