



Machine Id  
**411010**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

### RECOMMENDATION

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0111794</b>	GFL0063139	GFL0063109
Sample Date		Client Info		<b>15 Apr 2024</b>	30 Oct 2023	23 May 2023
Machine Age	hrs	Client Info		<b>7569</b>	6655	5722
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 Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

### WEAR

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

PQ		ASTM D8184*	>75	<b>11</b>	10	19
Iron	ppm	ASTM D5185(m)	>220	<b>▲ 302</b>	▲ 273	▲ 257
Chromium	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>75	<b>44</b>	40	38
Lead	ppm	ASTM D5185(m)	>95	<b>64</b>	59	59
Copper	ppm	ASTM D5185(m)	>60	<b>31</b>	27	26
Tin	ppm	ASTM D5185(m)	>10	<b>7</b>	6	6
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

Il n'y a aucun indice de contamination dans le fluide.

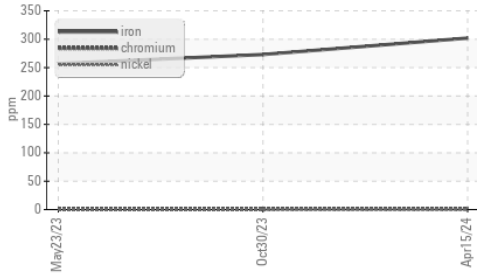
Silicon	ppm	ASTM D5185(m)	>25	<b>7</b>	8	8
Potassium	ppm	ASTM D5185(m)	>20	<b>6</b>	4	5
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

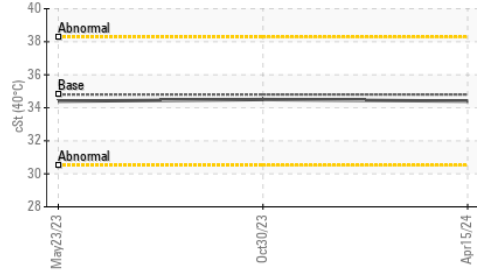
Le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Sodium	ppm	ASTM D5185(m)		<b>12</b>	10	8
Boron	ppm	ASTM D5185(m)	78	<b>83</b>	83	90
Barium	ppm	ASTM D5185(m)		<b>1</b>	1	<1
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185(m)		<b>4</b>	4	4
Magnesium	ppm	ASTM D5185(m)	0	<b>1</b>	<1	<1
Calcium	ppm	ASTM D5185(m)	113	<b>42</b>	47	42
Phosphorus	ppm	ASTM D5185(m)	222	<b>256</b>	245	280
Zinc	ppm	ASTM D5185(m)		<b>6</b>	8	6
Sulfur	ppm	ASTM D5185(m)	1326	<b>712</b>	686	755
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	<b>34.4</b>	34.5	34.4

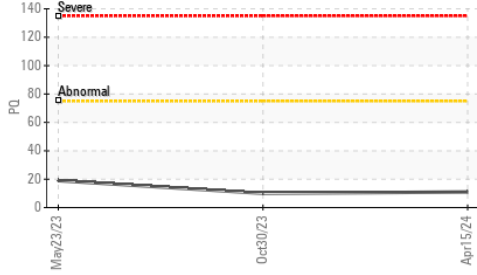
▲ Ferrous Alloys



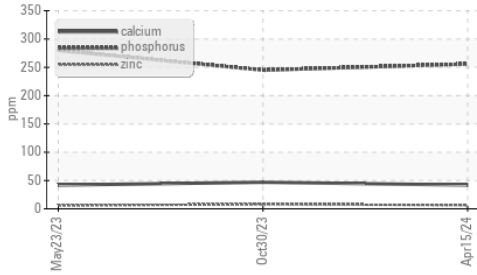
Viscosity @ 40°C



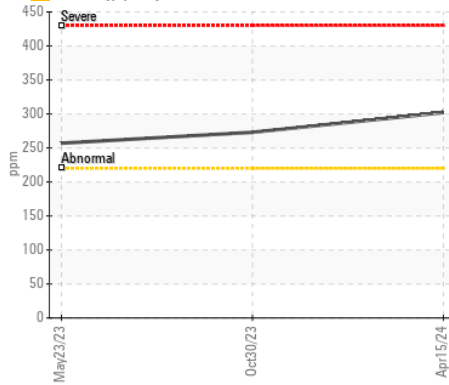
PQ



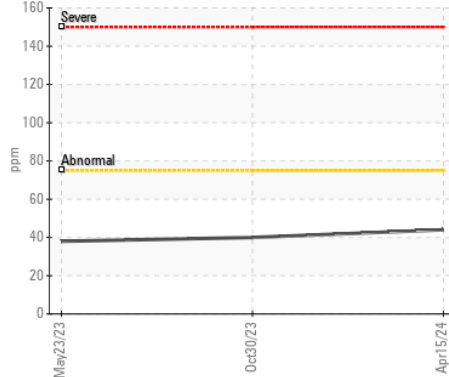
Additives



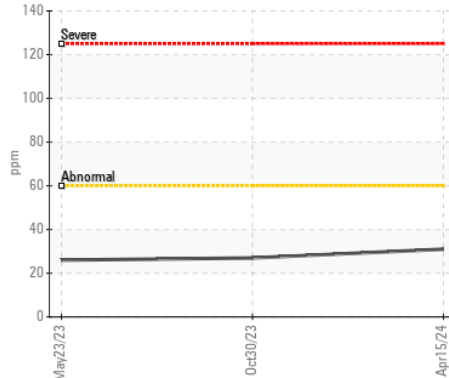
▲ Iron (ppm)



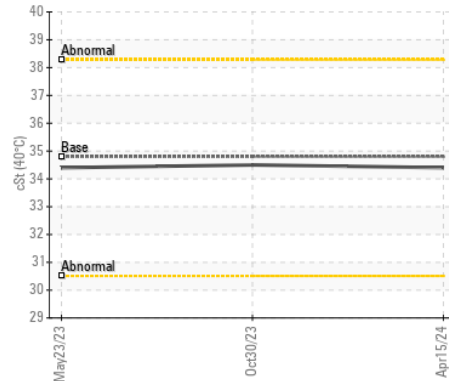
Aluminum (ppm)



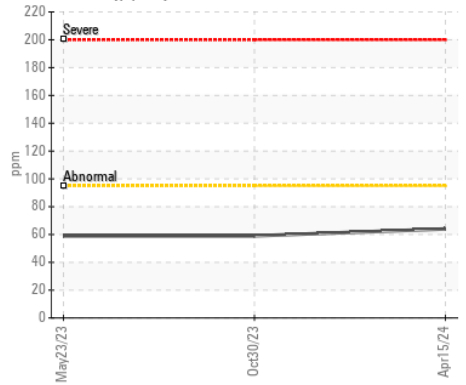
Copper (ppm)



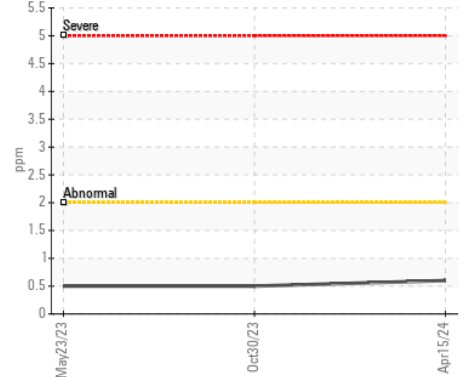
Viscosity @ 40°C



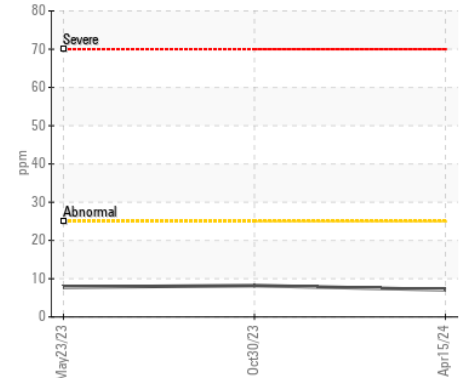
Lead (ppm)



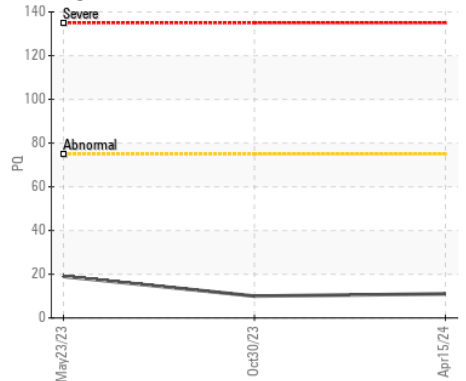
Chromium (ppm)



Silicon (ppm)



PQ



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 769 - Drummondville CD**  
**Sample No.** : GFL0111794 **Received** : 08 May 2024 1005 rue Rhea  
**Lab Number** : 02634145 **Tested** : 08 May 2024 Drummondville, QC  
**Unique Number** : 5775298 **Diagnosed** : 09 May 2024 - Kevin Marson CA J2B 8A9  
**Test Package** : MOB 1 ( Additional Tests: PQ ) **Contact: Service Manager**

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.

T:  
F: