



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**INTERNATIONAL LT625 129**

Component  
**Diesel Engine**

Fluid  
**PETRO CANADA DURON UHP 5W40 (--- GAL)**

## RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0020558</b>	---	---
Sample Date		Client Info		<b>23 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>6509</b>	---	---
Oil Age	hrs	Client Info		<b>445</b>	---	---
Filter Age	hrs	Client Info		<b>445</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

## WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>90	<b>19</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>7</b>	---	---
Lead	ppm	ASTM D5185(m)	>40	<b>2</b>	---	---
Copper	ppm	ASTM D5185(m)	>330	<b>1</b>	---	---
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

## CONTAMINATION

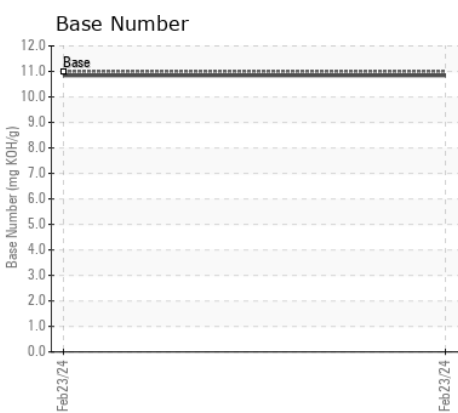
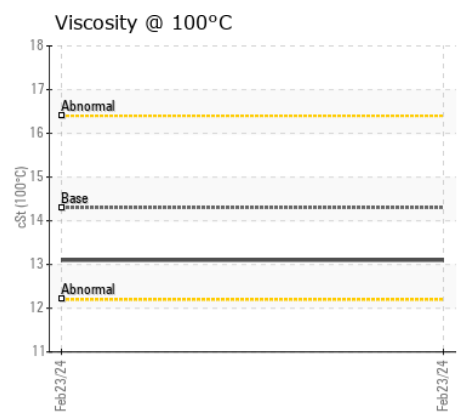
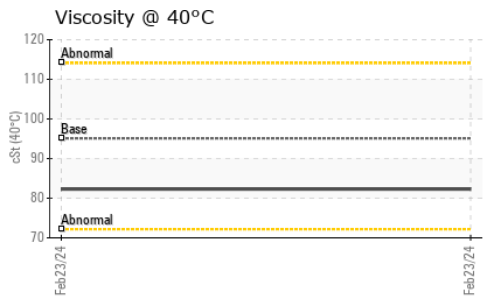
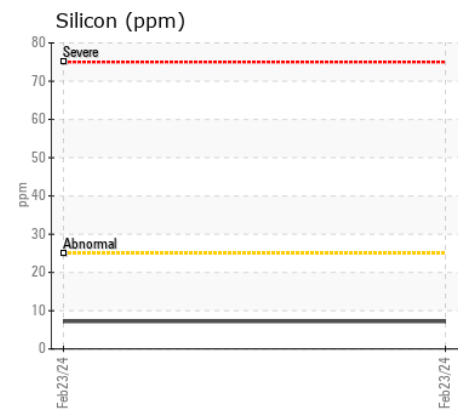
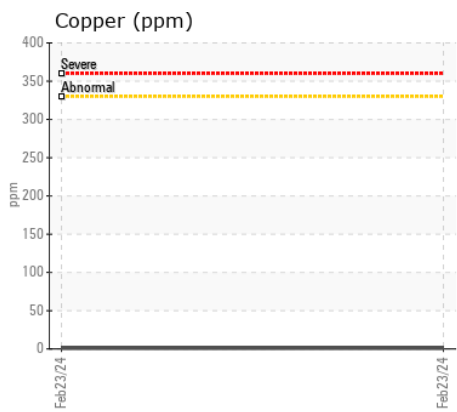
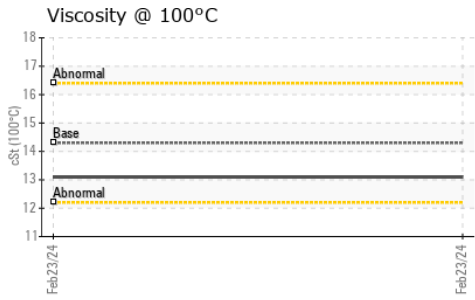
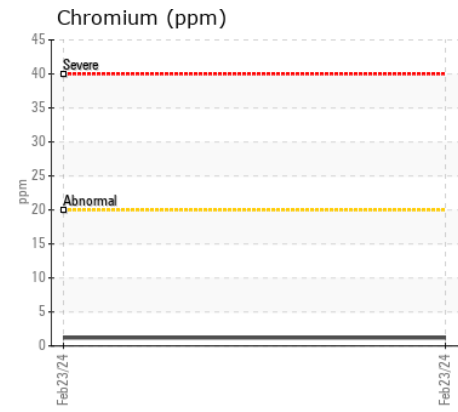
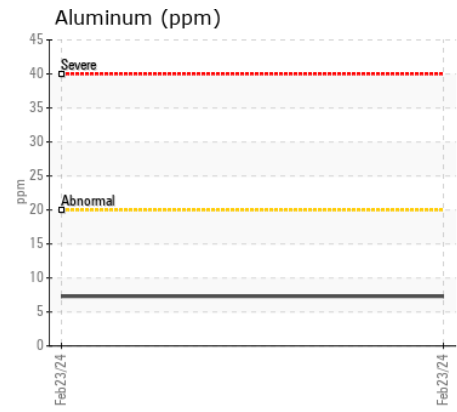
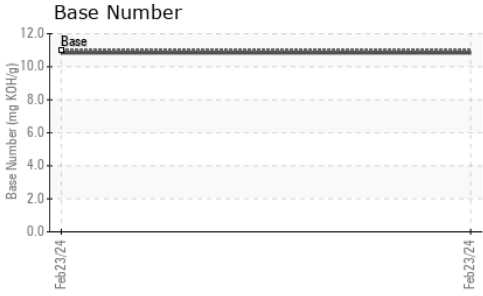
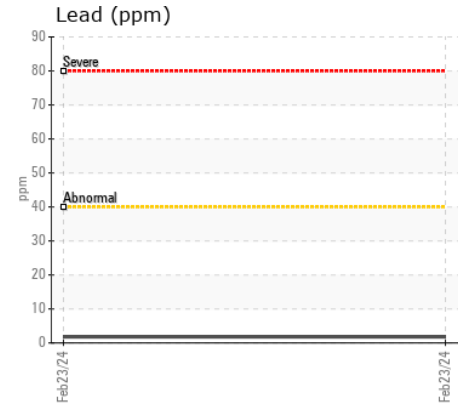
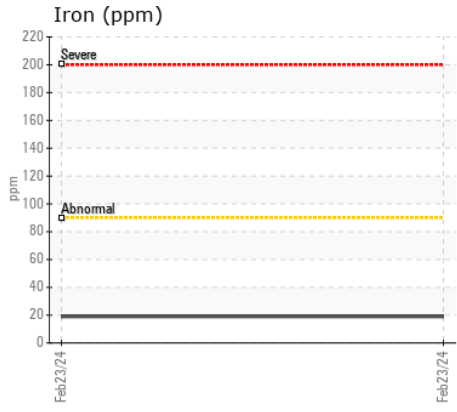
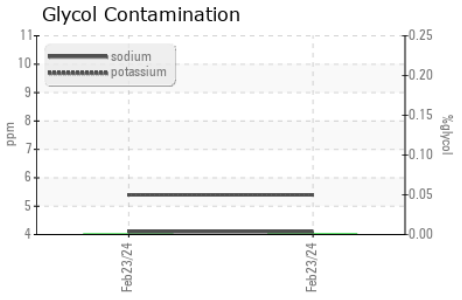
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>7</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>5</b>	---	---
Fuel		WC Method	>3.0	<b>&lt;1.0</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Glycol	%	ASTM D7922*		<b>0.0</b>	---	---
Soot %	%	ASTM D7844*	>6	<b>0.3</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.7</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>21.7</b>	---	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---	---

## FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Boron	ppm	ASTM D5185(m)	65	<b>24</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	65	<b>58</b>	---	---
Manganese	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	1160	<b>1067</b>	---	---
Calcium	ppm	ASTM D5185(m)	820	<b>863</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1160	<b>990</b>	---	---
Zinc	ppm	ASTM D5185(m)	1260	<b>1174</b>	---	---
Sulfur	ppm	ASTM D5185(m)	3000	<b>2786</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>19.9</b>	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	11.0	<b>10.84</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	95.1	<b>82.3</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.3	<b>13.1</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	169	<b>160</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0020558 **Received** : 27 Feb 2024  
**Lab Number** : 02618286 **Tested** : 28 Feb 2024  
**Unique Number** : 5735396 **Diagnosed** : 28 Feb 2024 - Wes Davis  
**Test Package** : MOB 2 ( Additional Tests: Glycol, KV40, VI )

**CONSTRUCTION ET PAVAGE PORTNEUF INC**  
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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.