



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

OIL ANALYSIS REPORT

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

Area  
**CROISIERES LACHANCE [6100271121]**

Machine Id  
**6R 822943**

Component  
**Diesel Engine**

Fluid  
**SAE 15W40 (--- GAL)**

**RECOMMENDATION**

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. 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>WA0021538</b>	WA0019731	---
Sample Date		Client Info		<b>17 Apr 2024</b>	27 Apr 2023	---
Machine Age	hrs	Client Info		<b>11260</b>	11260	---
Oil Age	hrs	Client Info		<b>464</b>	400	---
Filter Age	hrs	Client Info		<b>464</b>	400	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>ABNORMAL</b>	ABNORMAL	---

**WEAR**

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

Iron	ppm	ASTM D5185(m)	>200	<b>20</b>	22	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>30	<b>1</b>	1	---
Lead	ppm	ASTM D5185(m)	>30	<b>4</b>	6	---
Copper	ppm	ASTM D5185(m)	>30	<b>6</b>	7	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

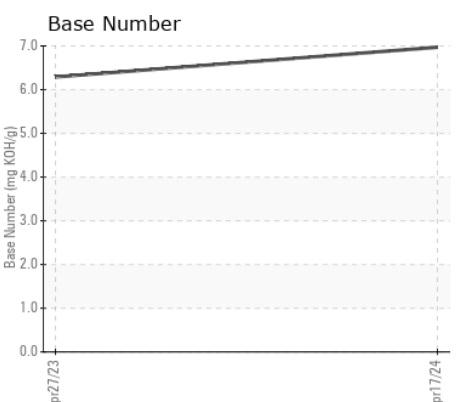
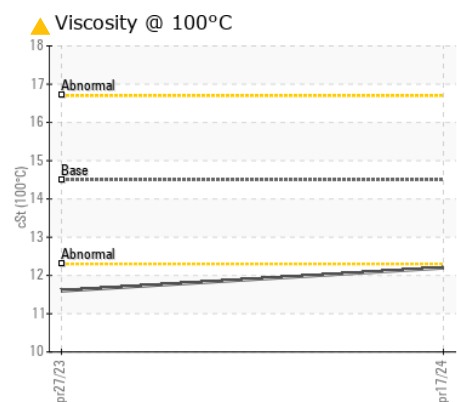
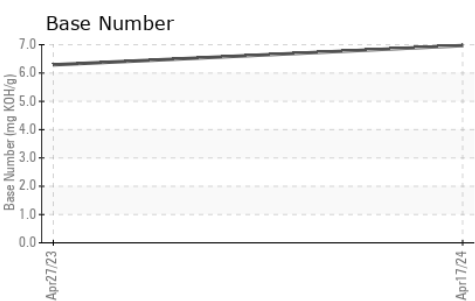
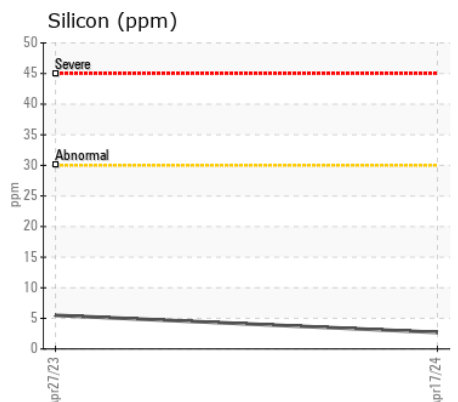
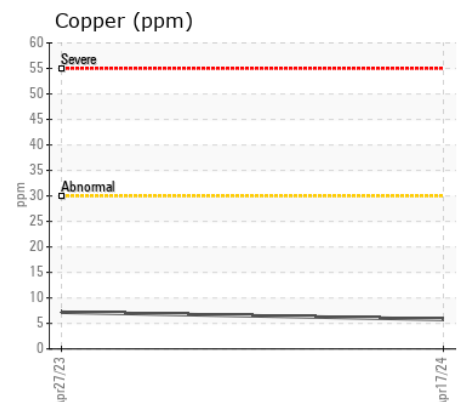
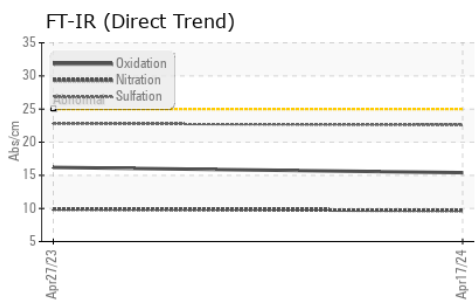
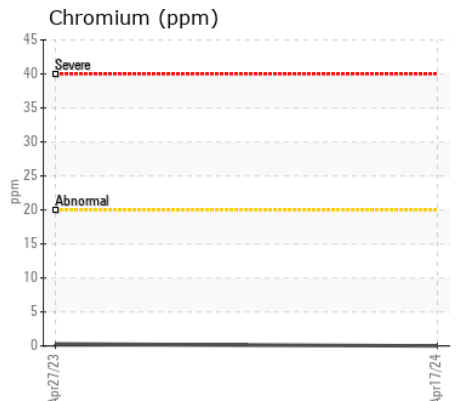
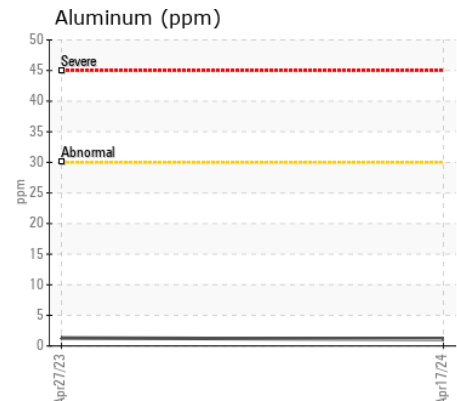
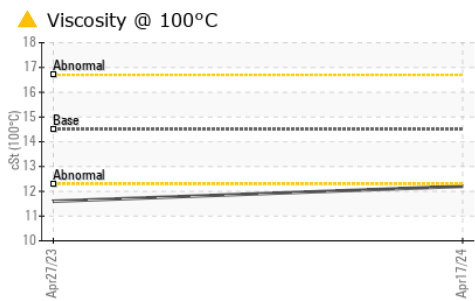
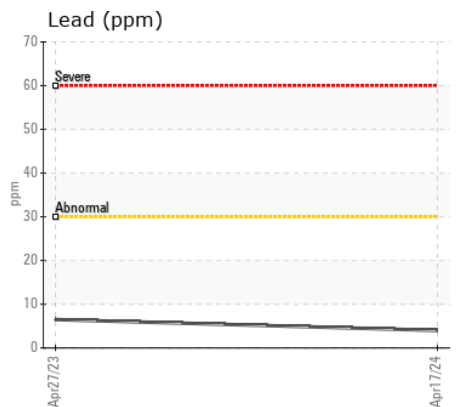
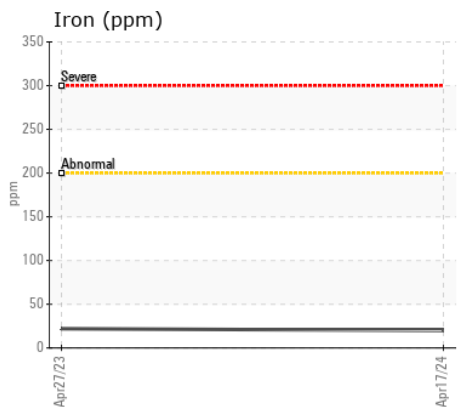
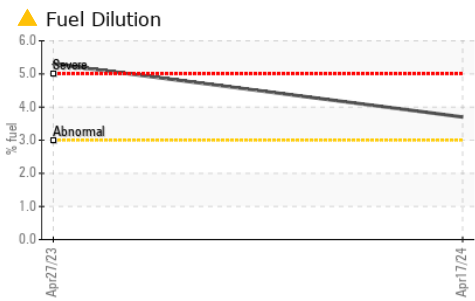
Quantité modérée de carburant dans l'huile. Les tests confirment la présence de carburant dans l'huile.

Silicon	ppm	ASTM D5185(m)	>30	<b>3</b>	6	---
Potassium	ppm	ASTM D5185(m)	>20	<b>5</b>	6	---
Fuel	%	ASTM D7593*	>3.0	<b>▲ 3.7</b>	▲ 5.3	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
Soot %	%	ASTM D7844*	>3	<b>0.2</b>	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.7</b>	9.9	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>22.6</b>	22.8	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Sodium	ppm	ASTM D5185(m)	>57	<b>6</b>	8	---
Boron	ppm	ASTM D5185(m)		<b>2</b>	5	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185(m)		<b>11</b>	13	---
Calcium	ppm	ASTM D5185(m)		<b>2768</b>	2897	---
Phosphorus	ppm	ASTM D5185(m)		<b>1056</b>	1148	---
Zinc	ppm	ASTM D5185(m)		<b>1229</b>	1254	---
Sulfur	ppm	ASTM D5185(m)		<b>3635</b>	4045	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>15.4</b>	16.2	---
Base Number (BN)	mg KOH/g	ASTM D2896*		<b>6.97</b>	6.29	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.5	<b>▲ 12.2</b>	▲ 11.6	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0021538 **Received** : 25 Apr 2024  
**Lab Number** : 02631310 **Tested** : 26 Apr 2024  
**Unique Number** : 5772463 **Diagnosed** : 26 Apr 2024 - Wes Davis  
**Test Package** : MOB 2 ( Additional Tests: PercentFuel )

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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.