



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

OIL ANALYSIS REPORT

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

Area  
**CROISIERES LACHANCE [6100271121]**

Machine Id  
**6R 816844**

Component  
**Port Diesel Engine**

Fluid  
**DIESEL ENGINE OIL SAE 15W40 (--- GAL)**

**RECOMMENDATION**

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant.

**WEAR**

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

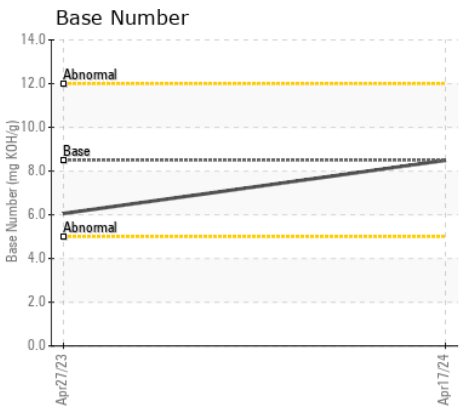
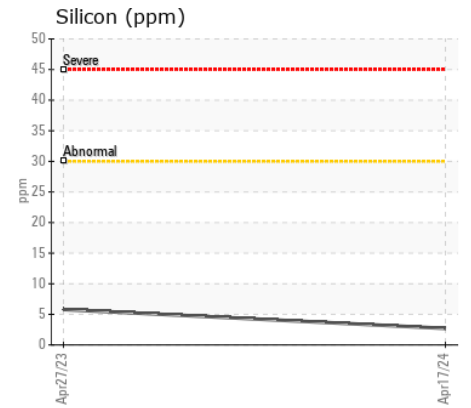
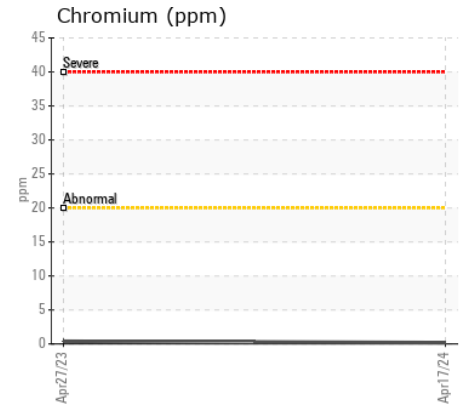
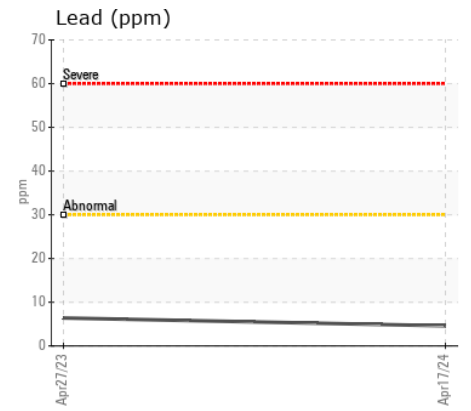
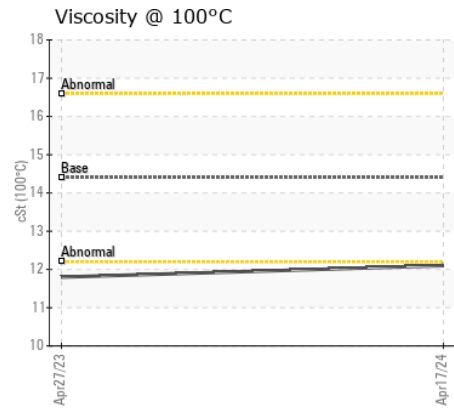
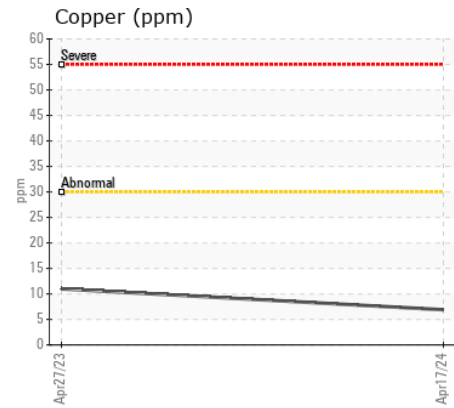
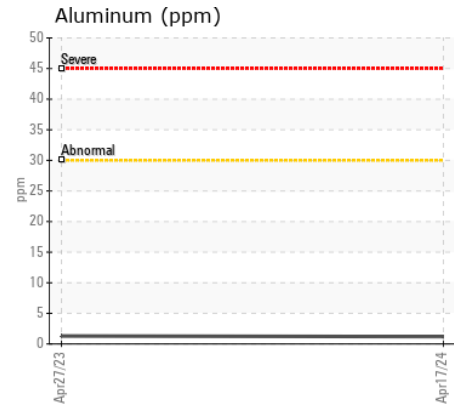
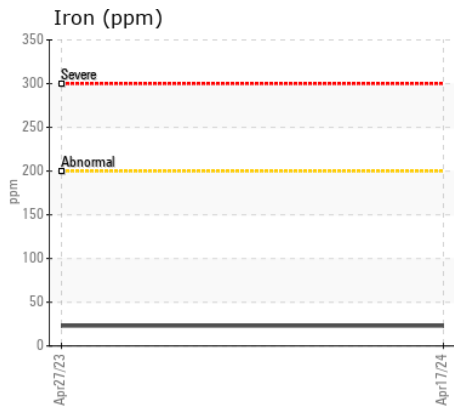
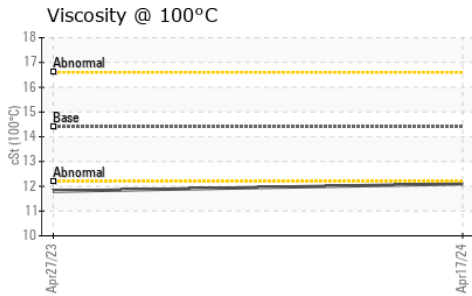
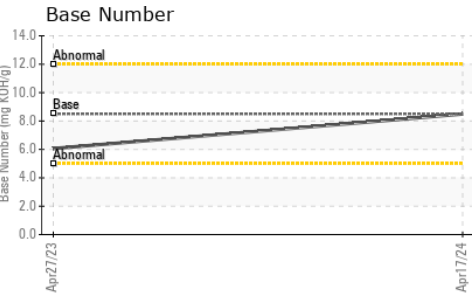
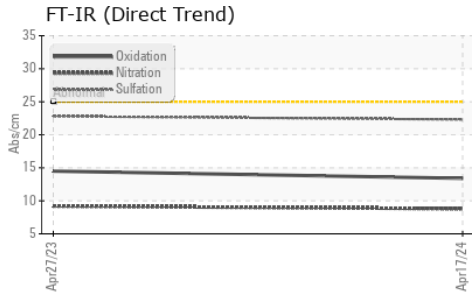
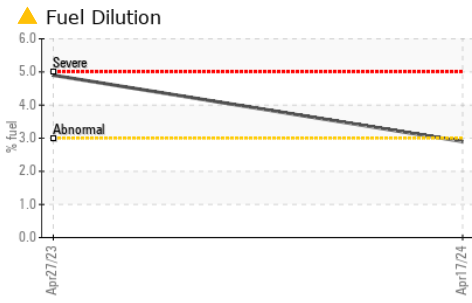
**CONTAMINATION**

Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile.

**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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WA0021532</b>	WA0019733	---
Sample Date		Client Info		<b>17 Apr 2024</b>	27 Apr 2023	---
Machine Age	hrs	Client Info		<b>11947</b>	11476	---
Oil Age	hrs	Client Info		<b>471</b>	400	---
Filter Age	hrs	Client Info		<b>471</b>	400	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>MARGINAL</b>	ABNORMAL	---
Iron	ppm	ASTM D5185(m)	>200	<b>23</b>	23	---
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
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>5</b>	6	---
Copper	ppm	ASTM D5185(m)	>30	<b>7</b>	11	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silicon	ppm	ASTM D5185(m)	>30	<b>3</b>	6	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	2	---
Fuel	%	ASTM D7593*	>3.0	<b>▲ 2.9</b>	▲ 4.9	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
Soot %	%	ASTM D7844*	>3	<b>0.6</b>	0.6	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.8</b>	9.2	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>22.3</b>	22.8	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185(m)	>158	<b>2</b>	3	---
Boron	ppm	ASTM D5185(m)	250	<b>2</b>	6	---
Barium	ppm	ASTM D5185(m)	10	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	100	<b>0</b>	1	---
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	450	<b>14</b>	17	---
Calcium	ppm	ASTM D5185(m)	3000	<b>2760</b>	2801	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>1016</b>	1115	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1215</b>	1236	---
Sulfur	ppm	ASTM D5185(m)	4250	<b>3867</b>	3685	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>13.4</b>	14.5	---
Base Number (BN)	mg KOH/g	ASTM D2896*	8.5	<b>8.49</b>	6.06	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	<b>12.1</b>	▲ 11.8	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0021532 **Received** : 25 Apr 2024  
**Lab Number** : 02631309 **Tested** : 26 Apr 2024  
**Unique Number** : 5772462 **Diagnosed** : 26 Apr 2024 - Wes Davis  
**Test Package** : MOB 2 ( Additional Tests: FuelDilution, PercentFuel )

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.

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