



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	ATTENTION

Area
EXCAVATION L.R.R. [6100308956]

Machine Id
460980U0895691

Component
Diesel Engine

Fluid
SAE 15W40 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

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

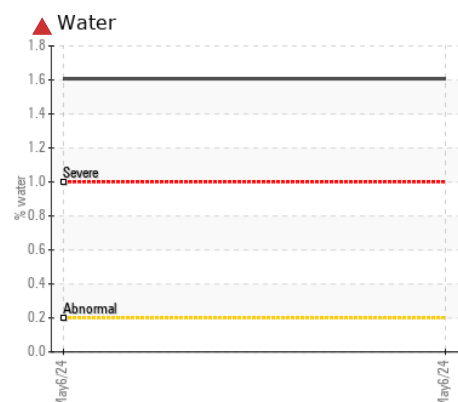
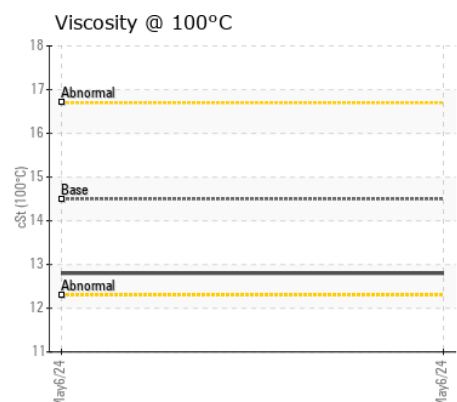
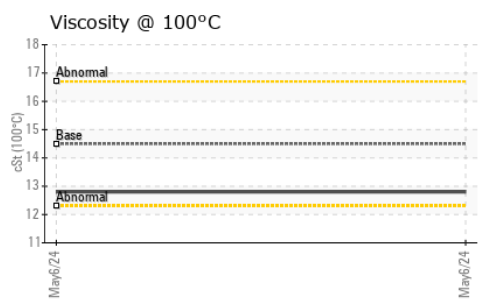
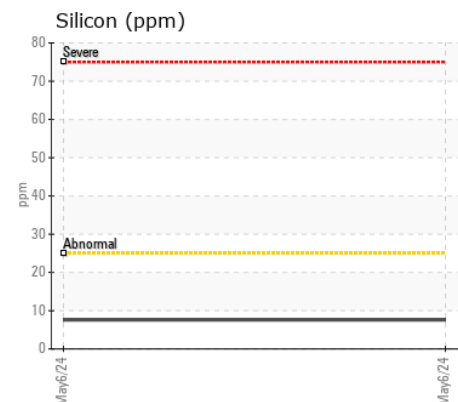
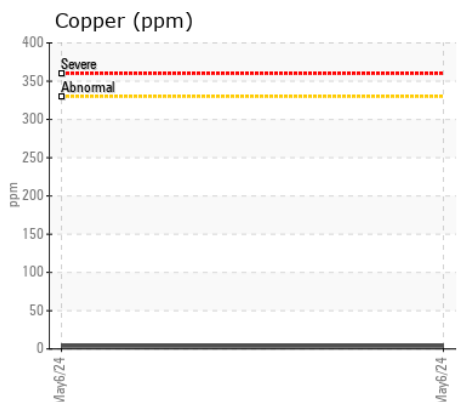
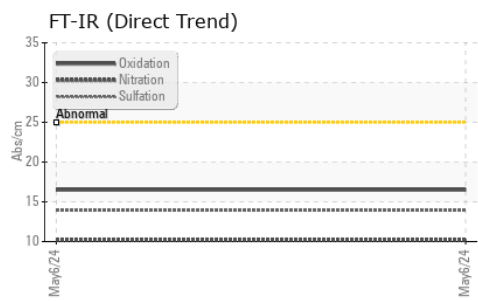
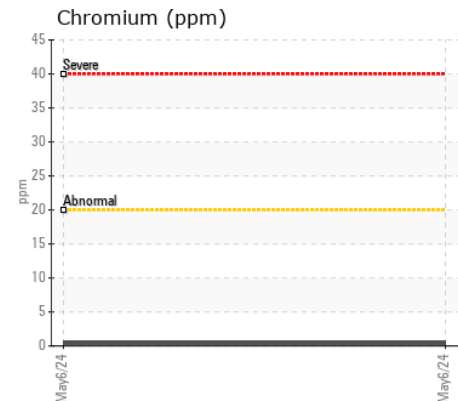
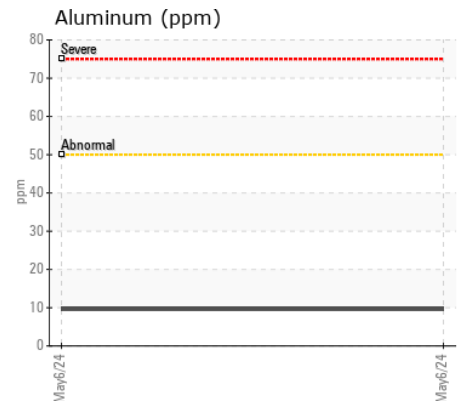
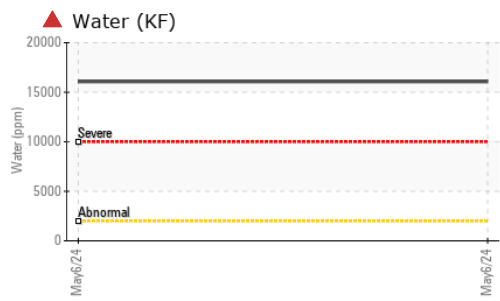
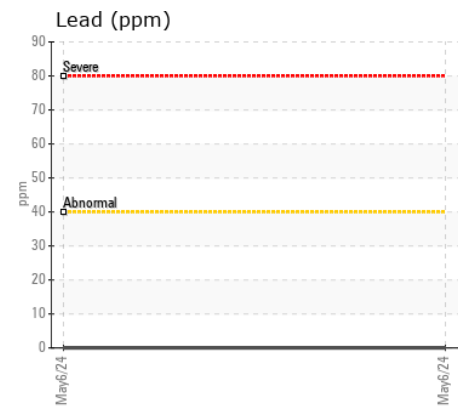
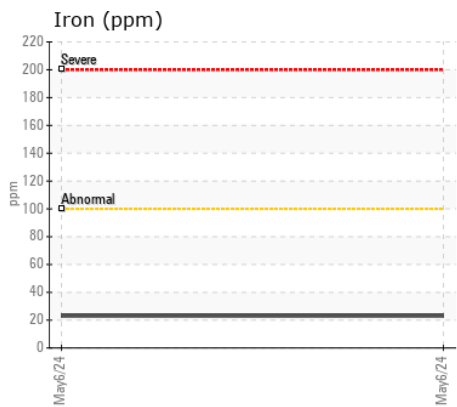
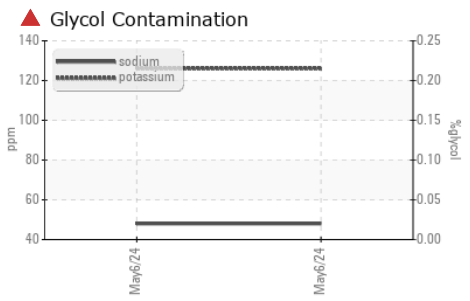
CONTAMINATION

Le test de glycol est positif. Concentration élevée de glycol dans l'huile. Concentration élevée d'eau dans l'huile.

FLUID CONDITION

l'huile ne peut plus être utilisée en raison de la présence de contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021100	---	---
Sample Date		Client Info		06 May 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185(m)	>100	23	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>50	<1	---	---
Titanium	ppm	ASTM D5185(m)	>2	<1	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	10	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	4	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Silicon	ppm	ASTM D5185(m)	>25	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 126	---	---
Fuel		WC Method	>5	<1.0	---	---
Water	%	ASTM D6304*	>0.2	▲ 1.607	---	---
ppm Water	ppm	ASTM D6304*	>2000	▲ 16074	---	---
Glycol	%	ASTM D7922*		▲ >.70	---	---
Soot %	%	ASTM D7844*	>3	0.3	---	---
Nitration	Abs/cm	ASTM D7624*	>20	10.2	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	13.9	---	---
Emulsified Water	scalar	Visual*	>0.2	▲ .2%	---	---
Sodium	ppm	ASTM D5185(m)	>57	● 48	---	---
Boron	ppm	ASTM D5185(m)		84	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		43	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		171	---	---
Calcium	ppm	ASTM D5185(m)		1675	---	---
Phosphorus	ppm	ASTM D5185(m)		838	---	---
Zinc	ppm	ASTM D5185(m)		975	---	---
Sulfur	ppm	ASTM D5185(m)		2464	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.5	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.5	12.8	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021100 **Received** : 10 Jun 2024
Lab Number : 02640758 **Tested** : 11 Jun 2024
Unique Number : 5789920 **Diagnosed** : 11 Jun 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol, KF)

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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.