



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL

Machine Id
CN 1868 G2
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 5W40 (--- 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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

WEAR

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

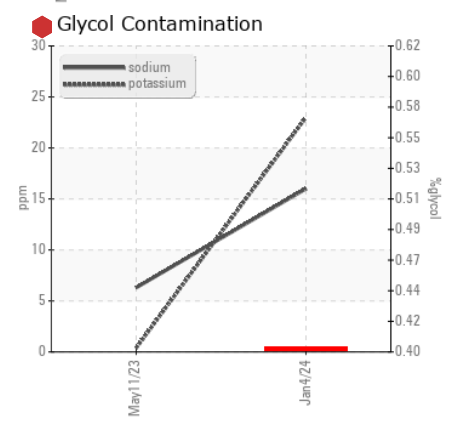
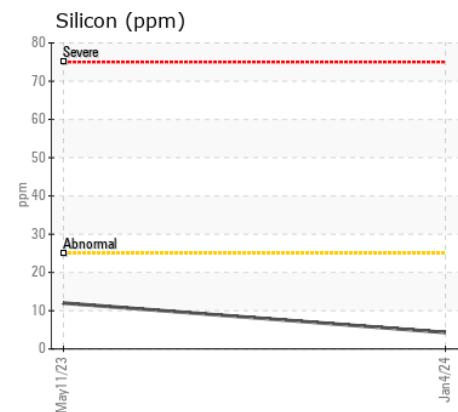
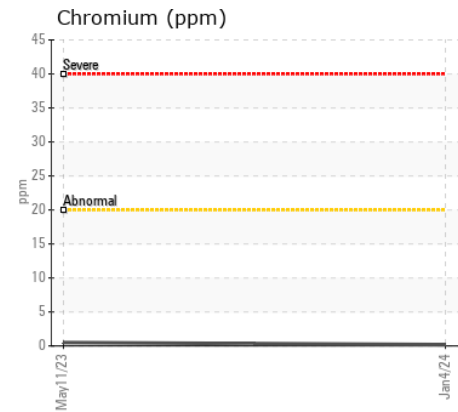
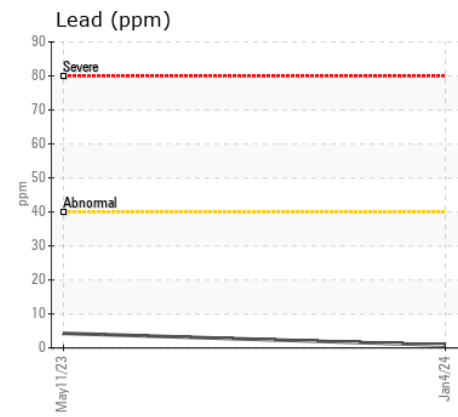
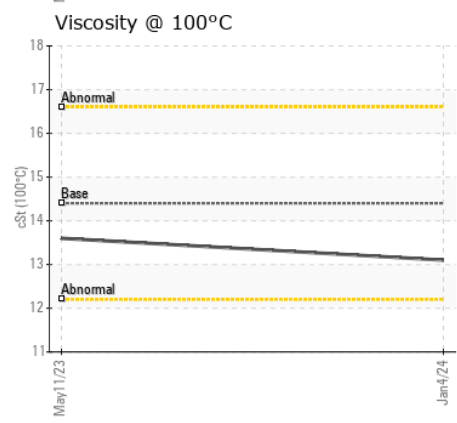
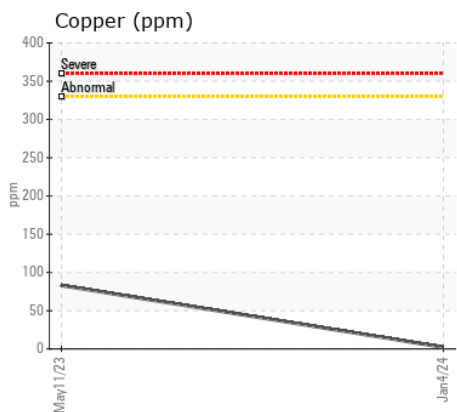
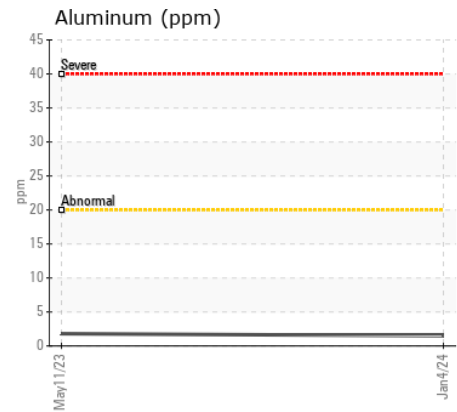
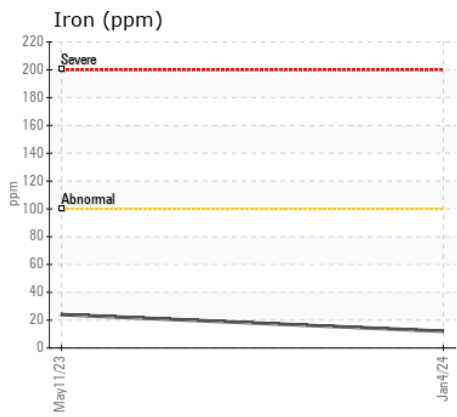
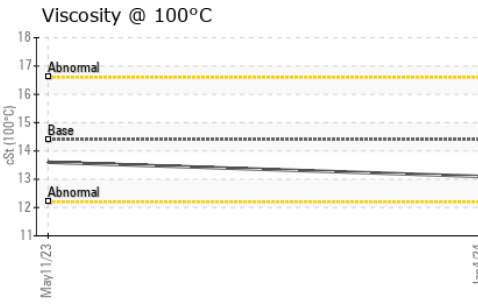
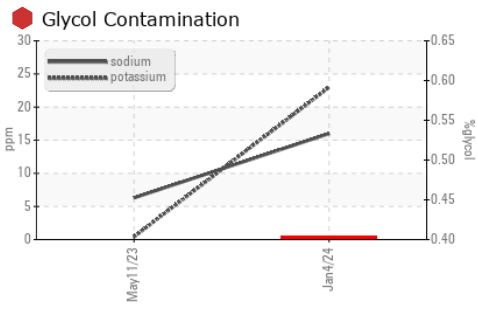
CONTAMINATION

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

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		CU0022072	CU0020269	---
Sample Date		Client Info		04 Jan 2024	11 May 2023	---
Machine Age	hrs	Client Info		1963	683	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				SEVERE	NORMAL	---
Iron	ppm	ASTM D5185(m)	>100	12	24	---
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	2	2	---
Lead	ppm	ASTM D5185(m)	>40	<1	4	---
Copper	ppm	ASTM D5185(m)	>330	2	83	---
Tin	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>25	4	12	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 23	<1	---
Fuel		WC Method	>5	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol	%	ASTM D7922*		◆ 0.403	NEG	---
Soot %	%	ASTM D7844*	>3	1.2	0	---
Nitration	Abs/cm	ASTM D7624*	>20	105.5	12.1	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.0	24.3	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	▲ WGOIL	---	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	▲ .5%	NEG	---
Sodium	ppm	ASTM D5185(m)	>44	16	6	---
Boron	ppm	ASTM D5185(m)	250	45	44	---
Barium	ppm	ASTM D5185(m)	10	0	5	---
Molybdenum	ppm	ASTM D5185(m)	100	58	55	---
Manganese	ppm	ASTM D5185(m)		0	4	---
Magnesium	ppm	ASTM D5185(m)	450	993	990	---
Calcium	ppm	ASTM D5185(m)	3000	859	1040	---
Phosphorus	ppm	ASTM D5185(m)	1150	873	960	---
Zinc	ppm	ASTM D5185(m)	1350	1018	1098	---
Sulfur	ppm	ASTM D5185(m)	4250	2568	2421	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	118.3	27.1	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	13.1	13.6	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022072 **Received** : 18 Jan 2024
Lab Number : 02609612 **Diagnosed** : 18 Jan 2024
Unique Number : 5710698 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol, Visual)

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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.