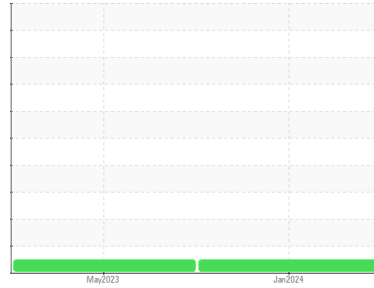




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CN 1868 G1

Component
Diesel Engine

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

DIAGNOSIS

Recommendation

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

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

Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	CU0022031	CU0020274	---
Sample Date	Client Info	09 Jan 2024	11 May 2023	---
Machine Age	hrs	Client Info	1968	470
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	N/A	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

method	limit/base	current	history1	history2
Fuel	WC Method >5	<1.0	<1.0	---
Water	WC Method >0.2	NEG	NEG	---
Glycol	WC Method	NEG	NEG	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >100	14	21	---
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	8	69	---
Tin	ppm ASTM D5185(m) >15	0	<1	---
Antimony	ppm ASTM D5185(m)	0	<1	---
Vanadium	ppm ASTM D5185(m)	0	0	---
Beryllium	ppm ASTM D5185(m)	0	0	---
Cadmium	ppm ASTM D5185(m)	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 250	34	44	---
Barium	ppm ASTM D5185(m) 10	0	5	---
Molybdenum	ppm ASTM D5185(m) 100	57	58	---
Manganese	ppm ASTM D5185(m)	0	4	---
Magnesium	ppm ASTM D5185(m) 450	974	1030	---
Calcium	ppm ASTM D5185(m) 3000	906	1040	---
Phosphorus	ppm ASTM D5185(m) 1150	864	1016	---
Zinc	ppm ASTM D5185(m) 1350	1039	1171	---
Sulfur	ppm ASTM D5185(m) 4250	2450	2624	---
Lithium	ppm ASTM D5185(m)	<1	<1	---

CONTAMINANTS

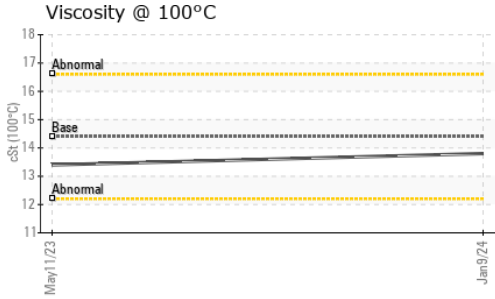
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >25	3	12	---
Sodium	ppm ASTM D5185(m) >158	4	6	---
Potassium	ppm ASTM D5185(m) >20	<1	<1	---

INFRA-RED

method	limit/base	current	history1	history2
Soot %	% ASTM D7844* >3	0	0	---
Nitration	Abs/cm ASTM D7624* >20	10.8	11.0	---
Sulfation	Abs./1mm ASTM D7415* >30	23.0	23.3	---

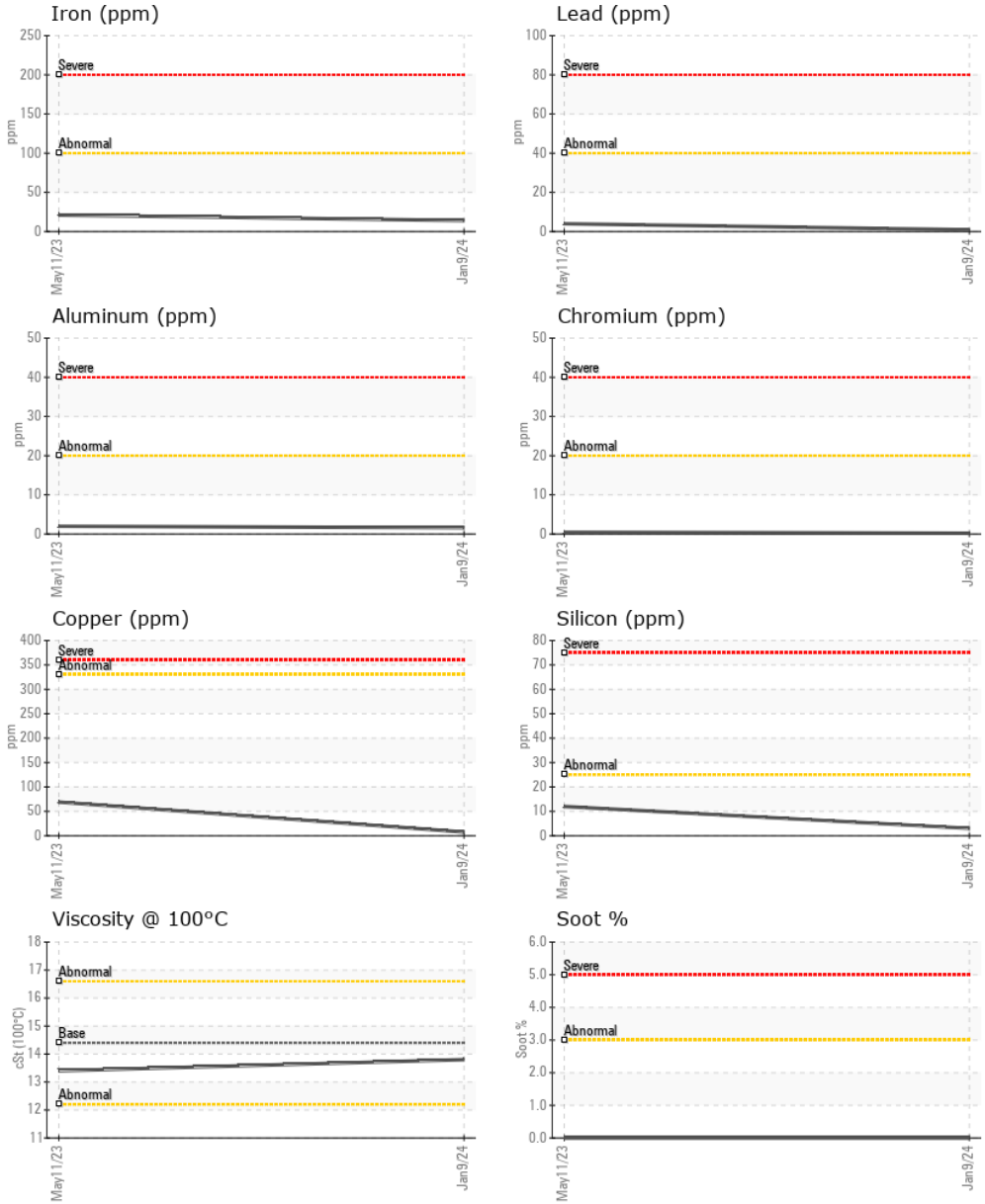


OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	24.2	23.8	---
VISUAL		method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---
Free Water	scalar	Visual*		NEG	NEG	---
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	13.8	13.4	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022031 **Received** : 18 Jan 2024
Lab Number : **02609613** **Diagnosed** : 18 Jan 2024
Unique Number : 5710699 **Diagnostician** : Wes Davis
Test Package : MOB 1

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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.