

Machine Id
7226
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0082002	PC0078094	PC0078126
Sample Date		Client Info		08 Jan 2024	05 Oct 2023	25 Jul 2023
Machine Age	kms	Client Info		159230	154432	1525910
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	45	19	26
Chromium	ppm	ASTM D5185(m)	>20	2	5	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>20	6	2	3
Lead	ppm	ASTM D5185(m)	>40	0	0	0
Copper	ppm	ASTM D5185(m)	>330	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

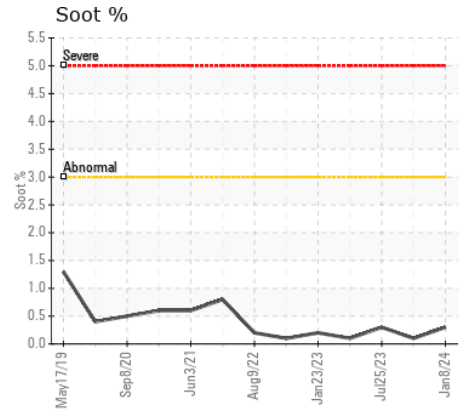
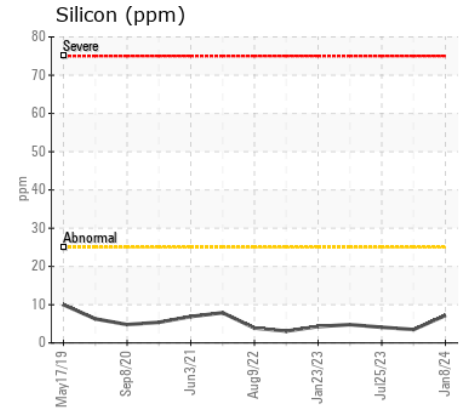
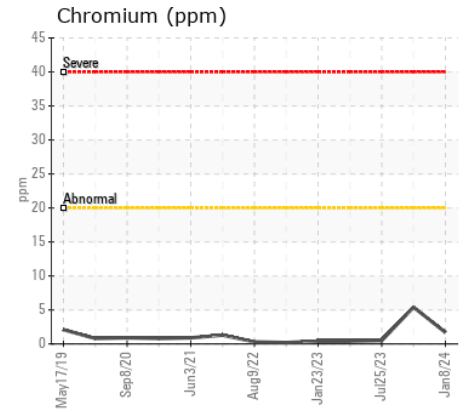
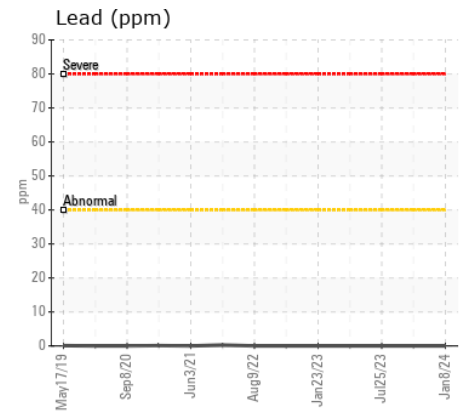
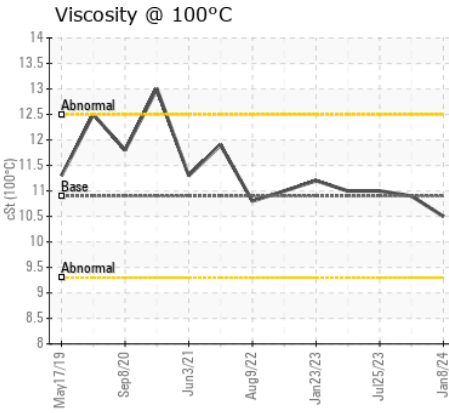
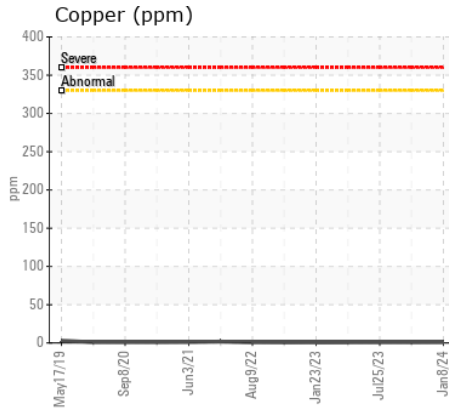
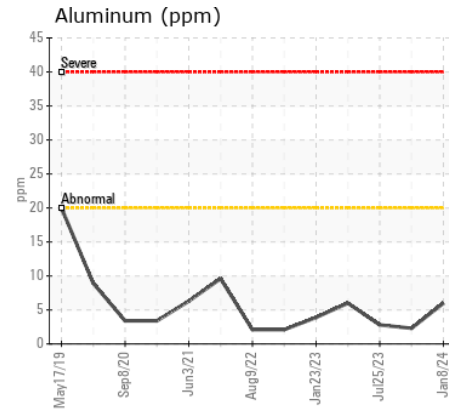
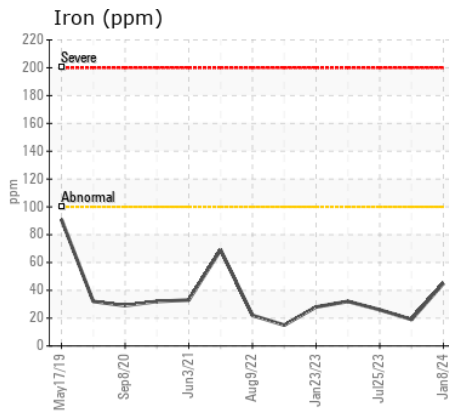
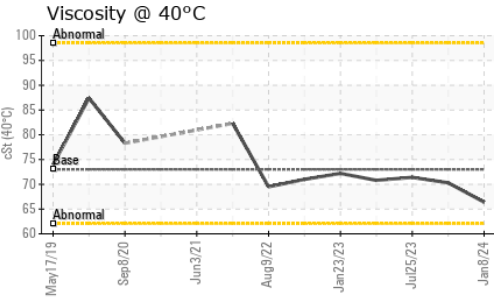
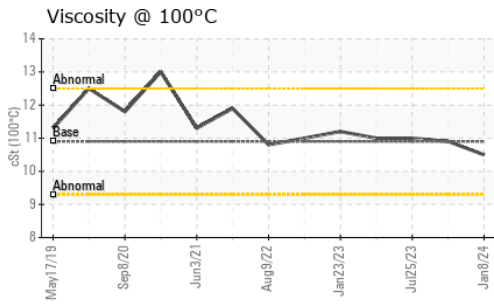
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	7	4	4
Potassium	ppm	ASTM D5185(m)	>20	2	0	<1
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.3	0.1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	9.5	6.5	7.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.0	18.7	19.2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		2	2	2
Boron	ppm	ASTM D5185(m)	250	8	10	6
Barium	ppm	ASTM D5185(m)	10	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	100	56	59	57
Manganese	ppm	ASTM D5185(m)		0	0	<1
Magnesium	ppm	ASTM D5185(m)	450	866	927	935
Calcium	ppm	ASTM D5185(m)	3000	1048	1046	1017
Phosphorus	ppm	ASTM D5185(m)	1150	938	994	1024
Zinc	ppm	ASTM D5185(m)	1350	1106	1159	1163
Sulfur	ppm	ASTM D5185(m)	4250	2466	2555	2428
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.1	14.7	14.9
Visc @ 40°C	cSt	ASTM D7279(m)	73	66.4	70.3	71.4
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	10.5	10.9	11.0
Viscosity Index (VI)	Scale	ASTM D2270*	138	146	145	144



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling
Sample No. : PC0082002 **Received** : 10 Jan 2024
Lab Number : 02607706 **Diagnosed** : 10 Jan 2024
Unique Number : 5708792 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: KV40, VI)

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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