



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
811030
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		GFL0096626	GFL0080347	GFL0077139
Sample Date		Client Info		11 Dec 2023	20 Sep 2023	20 Mar 2023
Machine Age	kms	Client Info		119893	104081	69506
Oil Age	kms	Client Info		600	600	600
Filter Age	kms	Client Info		600	600	600
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Iron	ppm	ASTM D5185(m)	>80	14	48	19
Chromium	ppm	ASTM D5185(m)	>5	<1	2	1
Nickel	ppm	ASTM D5185(m)	>2	<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>30	5	23	6
Lead	ppm	ASTM D5185(m)	>30	1	<1	0
Copper	ppm	ASTM D5185(m)	>150	3	4	2
Tin	ppm	ASTM D5185(m)	>5	1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

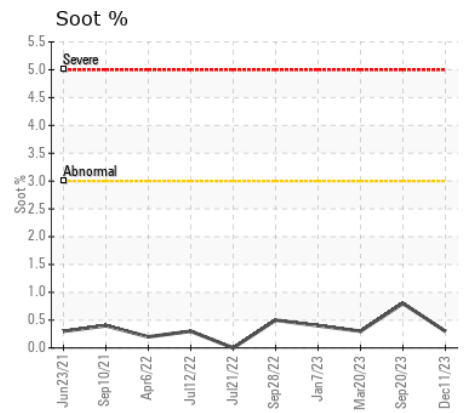
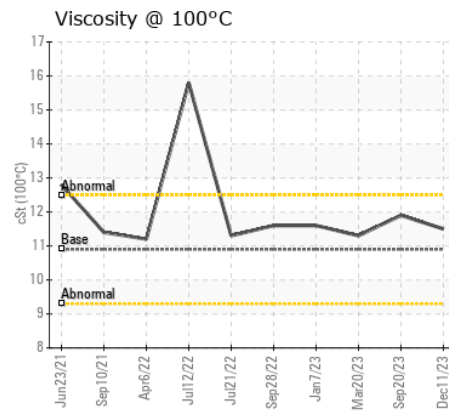
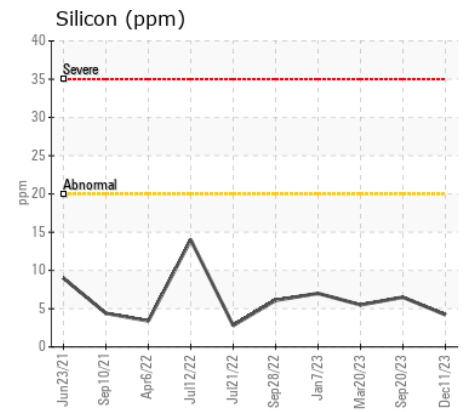
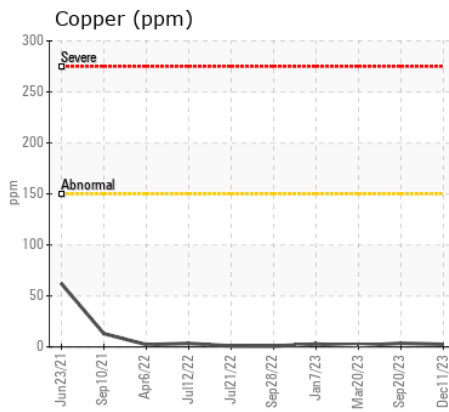
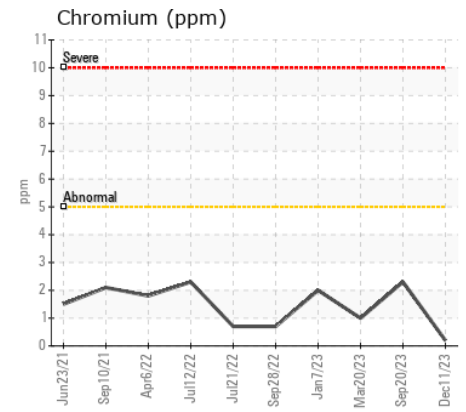
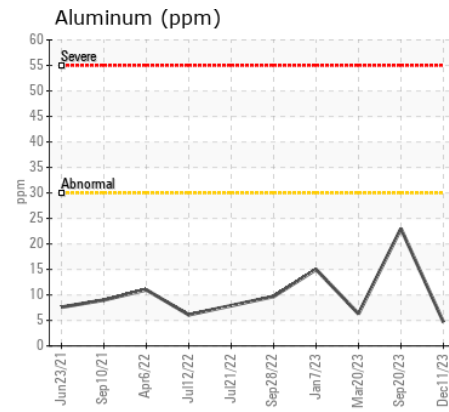
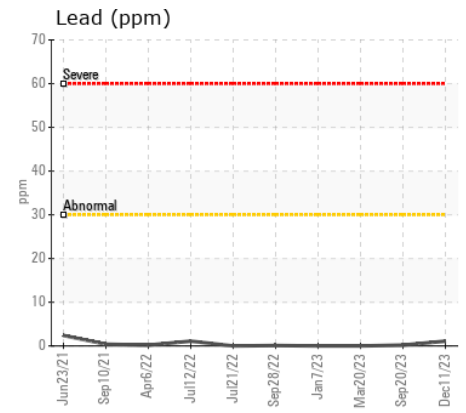
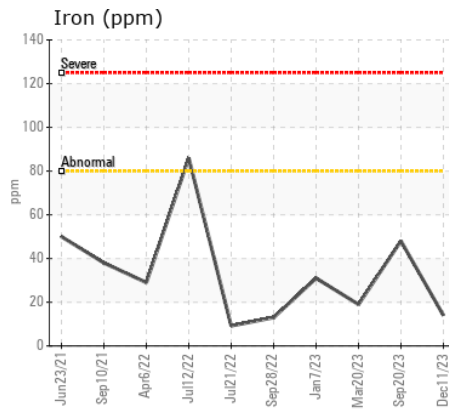
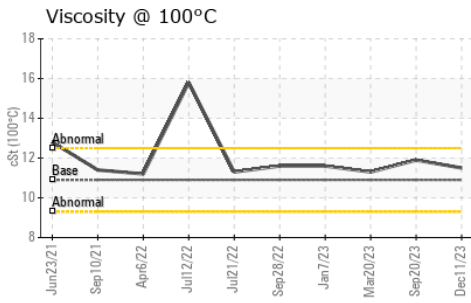
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	4	6	6
Potassium	ppm	ASTM D5185(m)	>20	10	41	5
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	0.8	0.3
Nitration	Abs/cm	ASTM D7624*	>20	9.7	11.6	8.4
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.4	23.7	19.7
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	3	2
Boron	ppm	ASTM D5185(m)	250	19	5	11
Barium	ppm	ASTM D5185(m)	10	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	100	6	65	61
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	450	740	1017	966
Calcium	ppm	ASTM D5185(m)	3000	1311	1130	1174
Phosphorus	ppm	ASTM D5185(m)	1150	735	1025	1091
Zinc	ppm	ASTM D5185(m)	1350	800	1234	1208
Sulfur	ppm	ASTM D5185(m)	4250	2603	2327	2683
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.4	21.0	16.0
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	11.5	11.9	11.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0096626
Lab Number : 02616861
Unique Number : 5733971
Test Package : MOB 1
Received : 21 Feb 2024
Tested : 21 Feb 2024
Diagnosed : 21 Feb 2024 - Kevin Marson

GFL Environmental - 730 - Chicoutimi - Hauling
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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.