



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL



Machine Id
912098

Component
Diesel Engine

Fluid
PETRO CANADA DURON GEO LD 15W40 (--- LTR)

RECOMMENDATION

Aucune mesure corrective n'est recommandée pour l'instant.
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		GFL0107608	GFL0096368	GFL0096429
Sample Date		Client Info		19 Mar 2024	03 Jan 2024	17 Oct 2023
Machine Age	kms	Client Info		67583	590018	50417
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	N/A	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	9	10	12
Chromium	ppm	ASTM D5185(m)	>20	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	2	3	2
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	<1	2	1
Lead	ppm	ASTM D5185(m)	>40	0	<1	<1
Copper	ppm	ASTM D5185(m)	>330	2	5	8
Tin	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

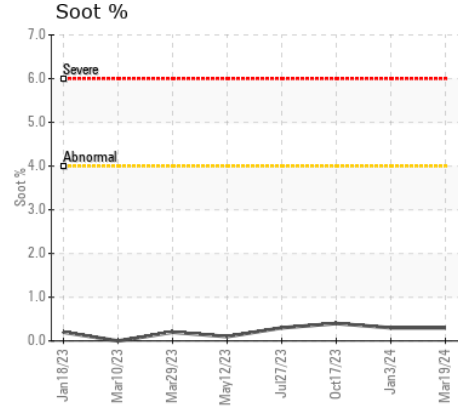
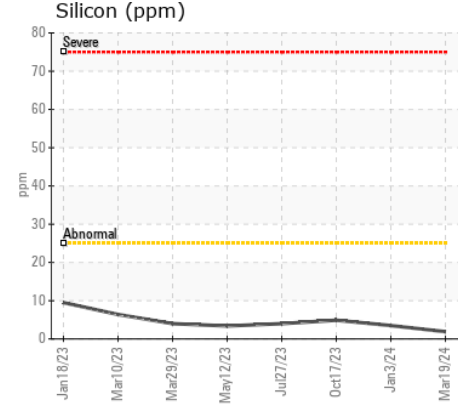
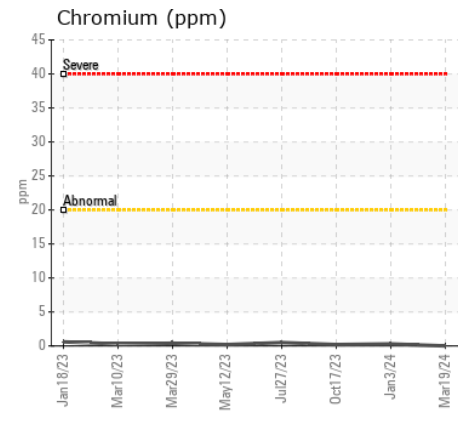
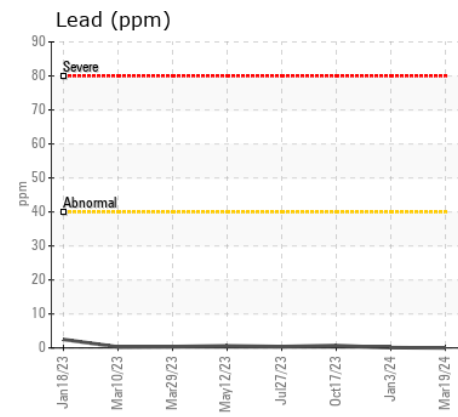
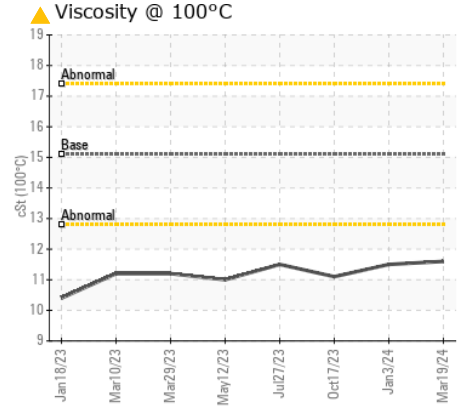
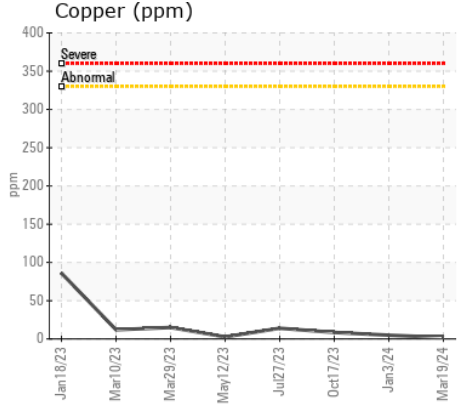
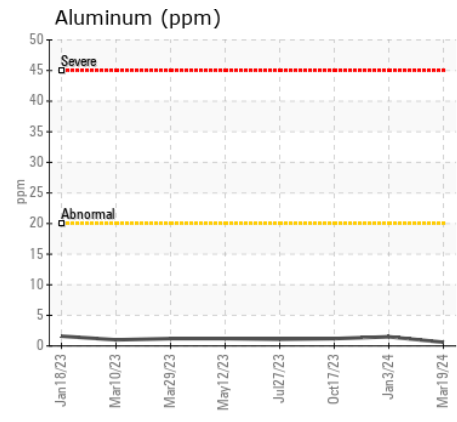
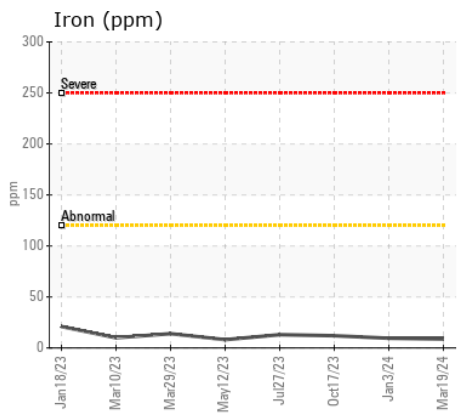
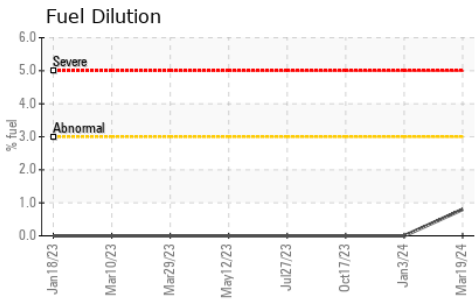
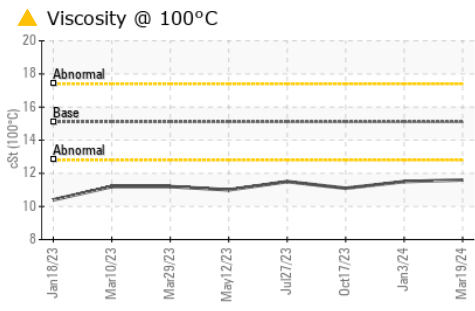
La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	4	5
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
Fuel	%	ASTM D7593*	>3.0	0.8	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>4	0.3	0.3	0.4
Nitration	Abs/cm	ASTM D7624*	>20	7.2	7.5	7.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.7	19.5	19.9
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

La viscosité de l'échantillon se situe dans la portée de l'SAE 30; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		3	7	6
Boron	ppm	ASTM D5185(m)	50	5	2	1
Barium	ppm	ASTM D5185(m)	5	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	50	58	58	62
Manganese	ppm	ASTM D5185(m)	0	0	0	0
Magnesium	ppm	ASTM D5185(m)	560	926	965	1011
Calcium	ppm	ASTM D5185(m)	1510	1137	1074	1102
Phosphorus	ppm	ASTM D5185(m)	780	944	962	967
Zinc	ppm	ASTM D5185(m)	870	1148	1151	1210
Sulfur	ppm	ASTM D5185(m)	2040	2313	2431	2184
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.6	15.3	16.1
Visc @ 100°C	cSt	ASTM D7279(m)	15.1	▲ 11.6	11.5	11.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 747 - GMA - Solid Waste**
Sample No. : GFL0107608 **Received** : 28 Mar 2024 **4 Chemin du Tremblay,**
Lab Number : 02625163 **Tested** : 01 Apr 2024 **Boucherville, QC**
Unique Number : 5750282 **Diagnosed** : 01 Apr 2024 - Kevin Marson **CA J4B 6Z5**
Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel) **Contact: Steve Voyer**
To discuss this sample report, contact Customer Service at 1-800-268-2131. **svoyer@matrec.ca**
Test denoted () outside scope of accreditation, (m) method modified, (e) tested at external lab.* **T:**
Validity of results and interpretation are based on the sample and information as supplied. **F:**