



Machine Id  
**711017**  
Component  
**Diesel Engine**  
Fluid  
**CHEVRON DELO 400 SAE 10W30 (40 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		<b>GFL0120741</b>	GFL0096439	GFL0088872
Sample Date		Client Info		<b>10 May 2024</b>	13 Feb 2024	07 Sep 2023
Machine Age	kms	Client Info		<b>119473</b>	6258	56881
Oil Age	kms	Client Info		<b>600</b>	600	600
Filter Age	kms	Client Info		<b>600</b>	600	600
Oil Changed		Client Info		<b>N/A</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	SEVERE	NORMAL

### WEAR

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

Iron	ppm	ASTM D5185(m)	>120	<b>10</b>	15	11
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>3</b>	▲ 8	<1
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>20	<b>1</b>	2	1
Lead	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	1
Copper	ppm	ASTM D5185(m)	>330	<b>5</b>	23	1
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

### CONTAMINATION

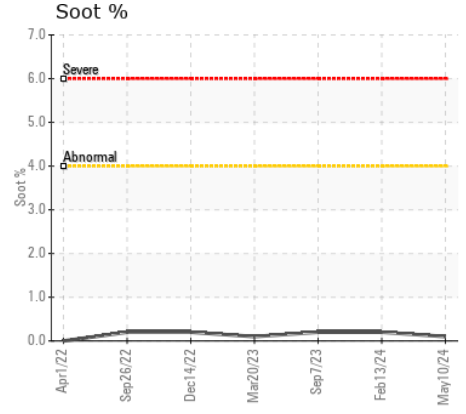
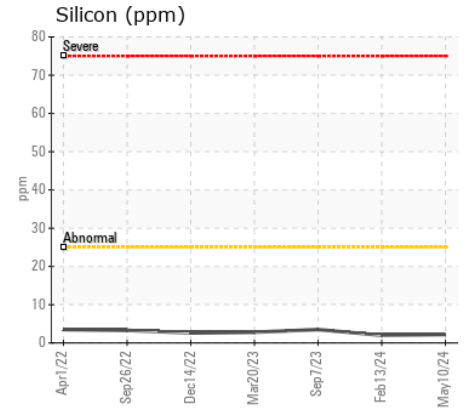
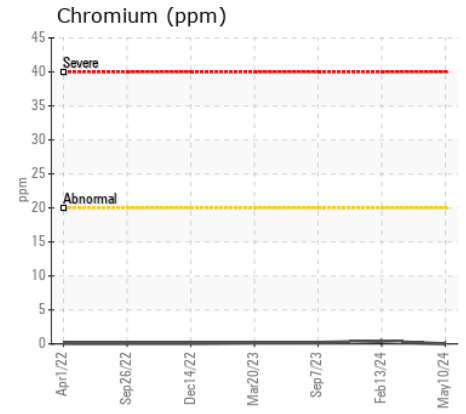
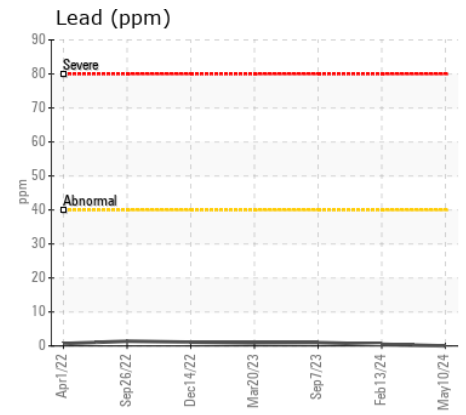
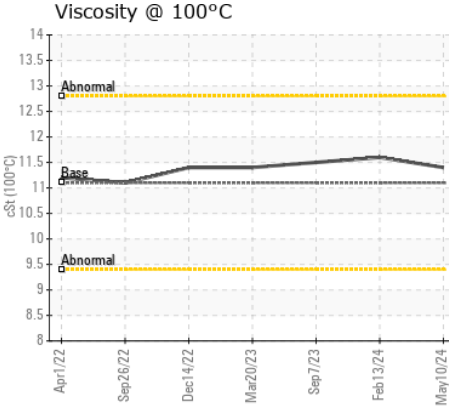
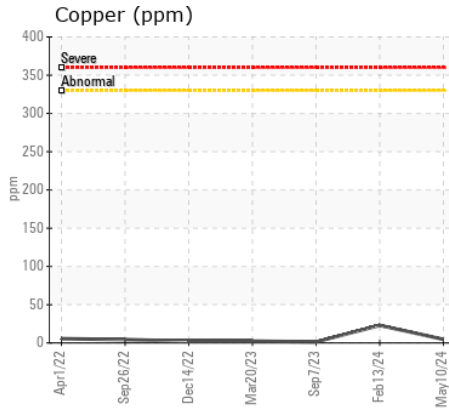
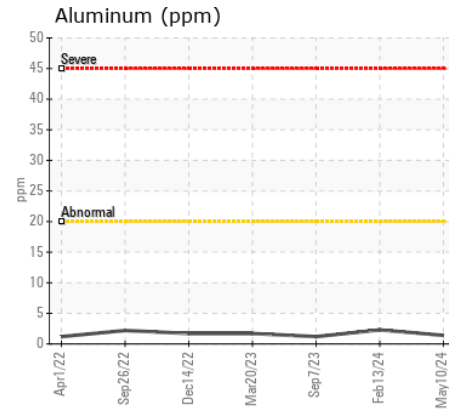
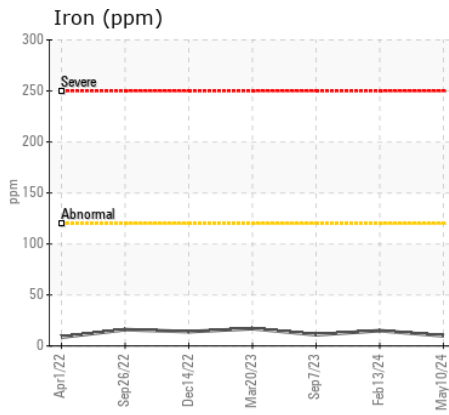
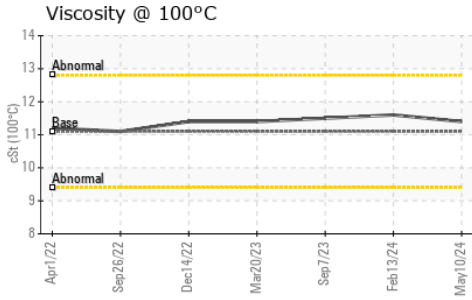
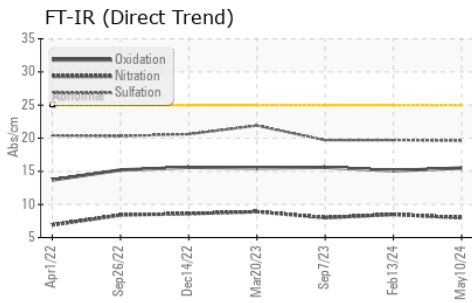
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	<b>2</b>	2	4
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	7	2
Fuel		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	ASTM D7844*	>4	<b>0.1</b>	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.0</b>	8.5	8.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>19.6</b>	19.7	19.7
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>1</b>	1	1
Boron	ppm	ASTM D5185(m)		<b>4</b>	2	2
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>59</b>	56	60
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>943</b>	892	1001
Calcium	ppm	ASTM D5185(m)		<b>1101</b>	1050	1065
Phosphorus	ppm	ASTM D5185(m)	1260	<b>956</b>	927	1072
Zinc	ppm	ASTM D5185(m)	1400	<b>1157</b>	1123	1218
Sulfur	ppm	ASTM D5185(m)		<b>2366</b>	2375	2521
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>15.5</b>	15.1	15.6
Visc @ 100°C	cSt	ASTM D7279(m)	11.1	<b>11.4</b>	11.6	11.5



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0120741  
**Lab Number** : 02635539  
**Unique Number** : 5776692  
**Test Package** : MOB 1

**GFL Environmental - 747 - GMA - Solid Waste**  
 4 Chemin du Tremblay,  
 Boucherville, QC  
 CA J4B 6Z5  
 Contact: Steve Voyer  
 svoyer@matrec.ca

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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F: