



Machine Id
733012
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 40 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de l'infiltration d'eau. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indique que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 40. Veuillez confirmer.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0097043	---	---
Sample Date		Client Info		06 Feb 2024	---	---
Machine Age	kms	Client Info		12103	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	109	---	---
Chromium	ppm	ASTM D5185(m)	>20	3	---	---
Nickel	ppm	ASTM D5185(m)	>5	3	---	---
Titanium	ppm	ASTM D5185(m)	>2	0	---	---
Silver	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>20	16	---	---
Lead	ppm	ASTM D5185(m)	>40	6	---	---
Copper	ppm	ASTM D5185(m)	>330	23	---	---
Tin	ppm	ASTM D5185(m)	>15	3	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

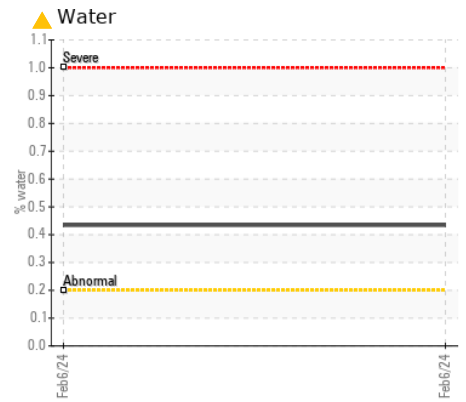
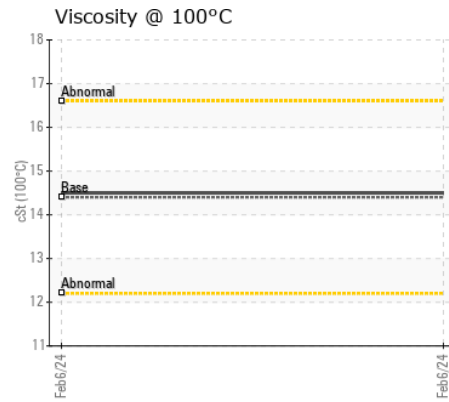
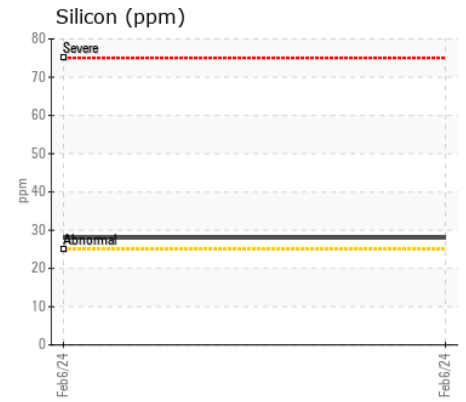
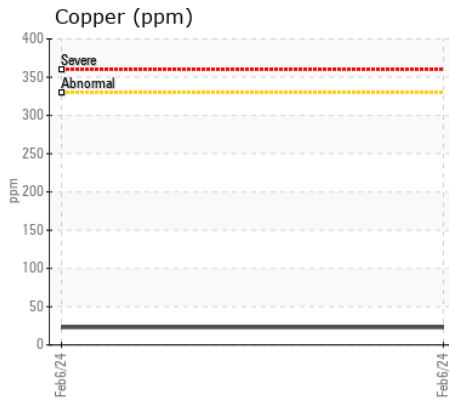
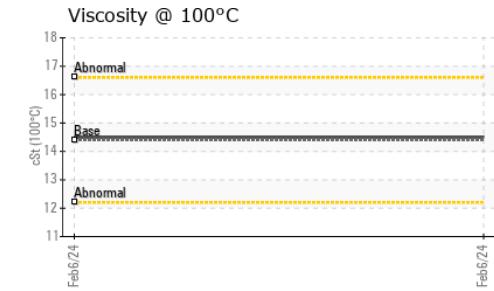
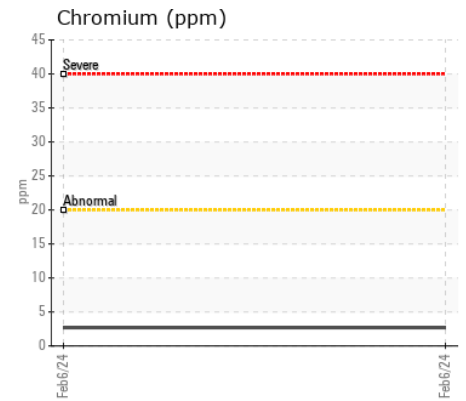
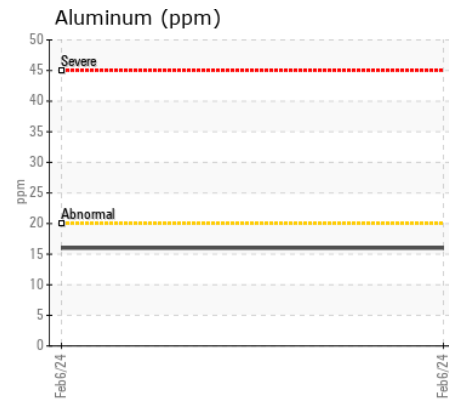
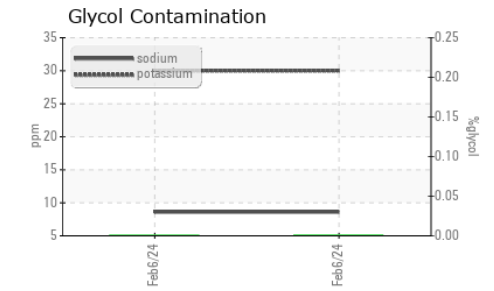
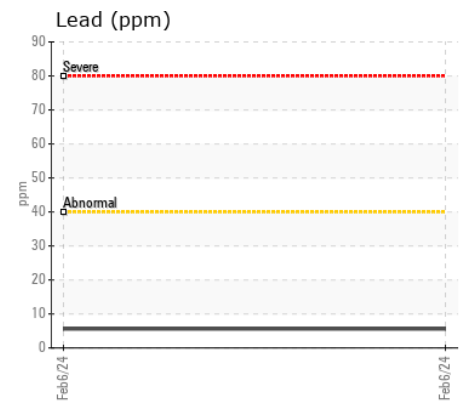
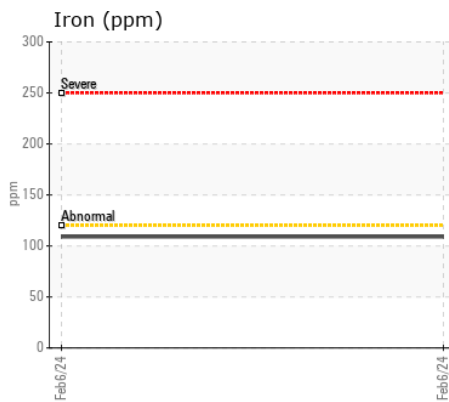
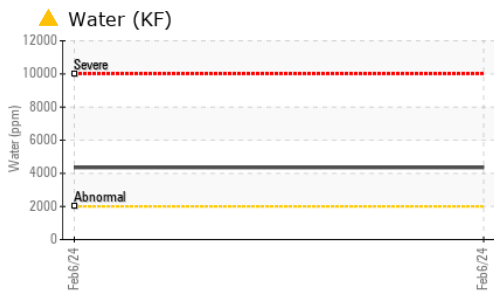
Concentration modérée d'eau dans l'huile. Le test de glycol est négatif.

Silicon	ppm	ASTM D5185(m)	>25	28	---	---
Potassium	ppm	ASTM D5185(m)	>20	30	---	---
Fuel		WC Method	>3.0	<1.0	---	---
Water	%	ASTM D6304*	>0.2	▲ 0.434	---	---
ppm Water	ppm	ASTM D6304*	>2000	▲ 4349	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*	>4	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	16.0	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	28.3	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	▲ .2%	---	---

FLUID CONDITION

L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Sodium	ppm	ASTM D5185(m)	>216	9	---	---
Boron	ppm	ASTM D5185(m)	250	6	---	---
Barium	ppm	ASTM D5185(m)	10	3	---	---
Molybdenum	ppm	ASTM D5185(m)	100	66	---	---
Manganese	ppm	ASTM D5185(m)		16	---	---
Magnesium	ppm	ASTM D5185(m)	450	932	---	---
Calcium	ppm	ASTM D5185(m)	3000	1387	---	---
Phosphorus	ppm	ASTM D5185(m)	1150	832	---	---
Zinc	ppm	ASTM D5185(m)	1350	980	---	---
Sulfur	ppm	ASTM D5185(m)	4250	2154	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	27.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	14.5	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0097043
Lab Number : 02616998
Unique Number : 5734108
Test Package : MOB 1 (Additional Tests: Glycol, KF, Visual)

GFL Environmental - 780 - GMA - ICI - Solid Waste
 4365 boul. St-Elzear Ouest,
 Laval, QC
 CA H7P 4J3
 Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F:

*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.*