



Machine Id
OR706
Component
Swing Drive
Fluid
GEAR OIL SAE 90W140 (--- 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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0114841	GFL0114899	GFL0097023
Sample Date		Client Info		03 May 2024	26 Feb 2024	15 Nov 2023
Machine Age	hrs	Client Info		13608	13525	12
Oil Age	hrs	Client Info		1200	1200	0
Filter Age	hrs	Client Info		1200	1200	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				ABNORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>400	77	40	57
Chromium	ppm	ASTM D5185(m)	>10	2	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>50	0	0	<1
Copper	ppm	ASTM D5185(m)	>200	2	<1	2
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

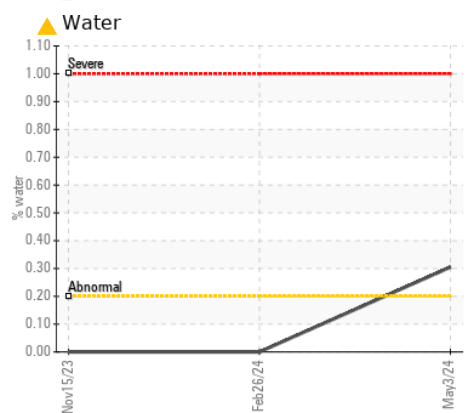
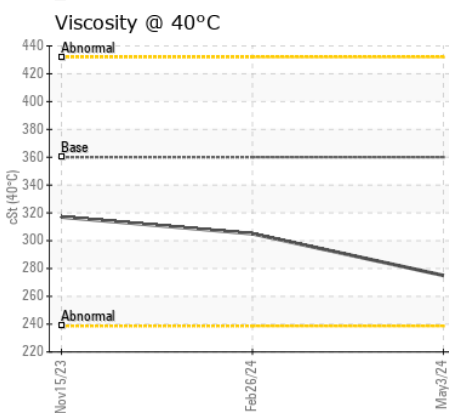
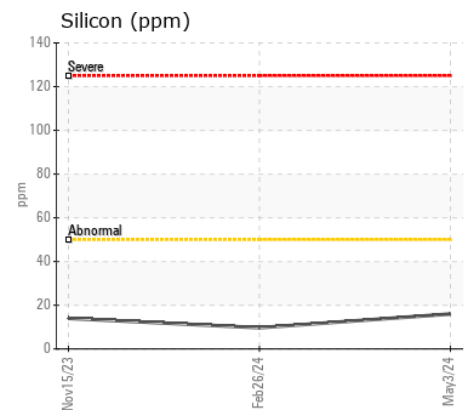
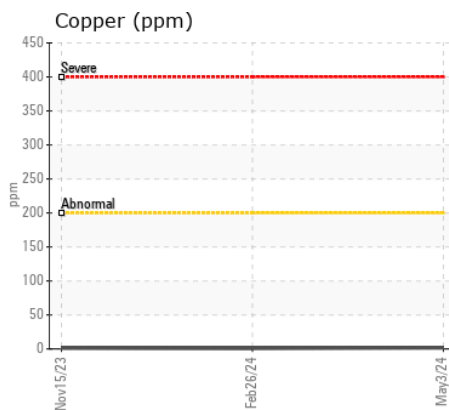
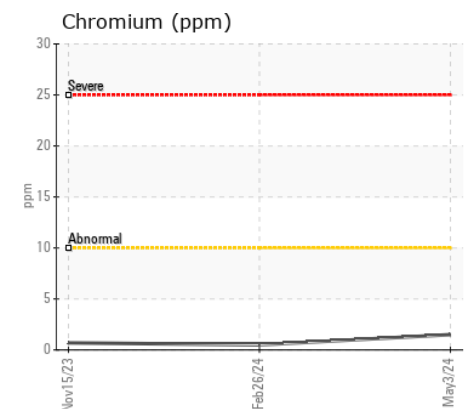
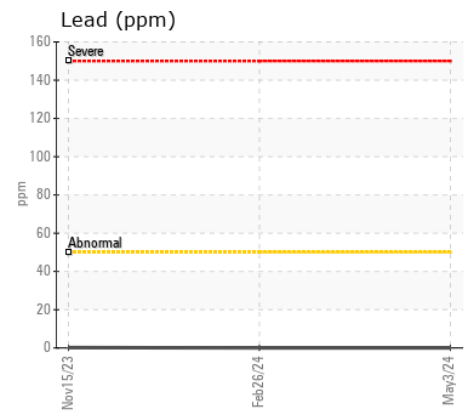
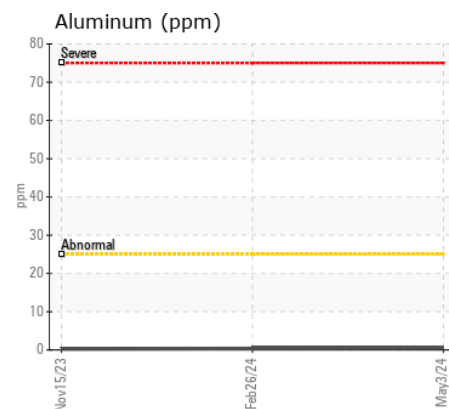
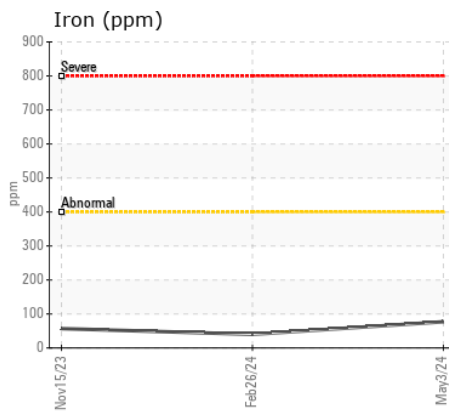
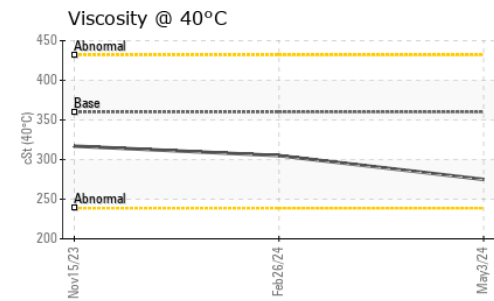
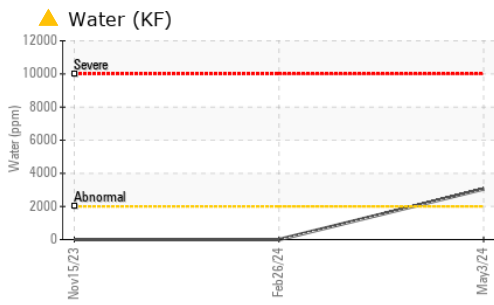
Concentration modérée d'eau dans l'huile.

Silicon	ppm	ASTM D5185(m)	>50	16	10	14
Potassium	ppm	ASTM D5185(m)	>20	<1	1	<1
Water	%	ASTM D6304*	>0.2	▲ 0.305	---	---
ppm Water	ppm	ASTM D6304*	>2000	▲ 3055	---	---
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	▲ MILKY	NORML	▲ WGOIL
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	▲ .2%	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		2	2	<1
Boron	ppm	ASTM D5185(m)	400	144	116	180
Barium	ppm	ASTM D5185(m)	200	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	12	5	<1	0
Manganese	ppm	ASTM D5185(m)		1	0	<1
Magnesium	ppm	ASTM D5185(m)	12	86	20	2
Calcium	ppm	ASTM D5185(m)	150	139	46	36
Phosphorus	ppm	ASTM D5185(m)	1650	1018	702	1088
Zinc	ppm	ASTM D5185(m)	125	130	36	33
Sulfur	ppm	ASTM D5185(m)	22500	18919	15305	21749
Visc @ 40°C	cSt	ASTM D7279(m)	360	275	305	317



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114841
Lab Number : 02635016
Unique Number : 5776169
Test Package : MOB 1 (Additional Tests: KF)

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.