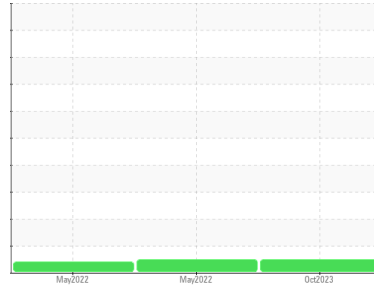




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
ESTRUCTURE [208377]
 Machine Id
GD13198

Component
Diesel Engine
 Fluid
APRIL SUPERFLO GOLD K 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin de surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Wear

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

Contamination

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

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			GD0020485	GD0005440	GD0005316
Sample Date	Client Info			19 Oct 2023	18 May 2022	18 May 2022
Machine Age	hrs	Client Info		84	1	1
Oil Age	hrs	Client Info		0	1	1
Oil Changed	Client Info			N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>5		<1.0	1.3	0.4
Glycol	WC Method			NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	3	5	9
Chromium	ppm	ASTM D5185(m)	>20	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	<1	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	<1	1	3
Lead	ppm	ASTM D5185(m)	>40	1	2	0
Copper	ppm	ASTM D5185(m)	>330	12	22	<1
Tin	ppm	ASTM D5185(m)	>15	<1	1	0
Antimony	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	<1
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	34	24	41	161
Barium	ppm	ASTM D5185(m)	0	<1	2	0
Molybdenum	ppm	ASTM D5185(m)	70	54	44	74
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	640	847	665	599
Calcium	ppm	ASTM D5185(m)	1410	1441	1891	1133
Phosphorus	ppm	ASTM D5185(m)	1020	1057	1058	821
Zinc	ppm	ASTM D5185(m)	1170	1220	1183	847
Sulfur	ppm	ASTM D5185(m)	2930	2890	3099	2153
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

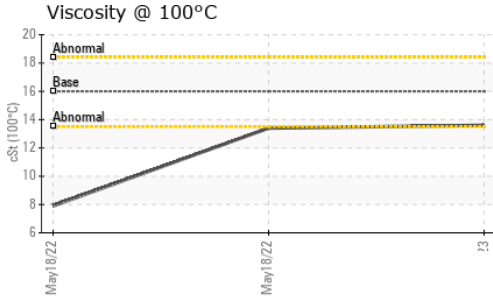
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	4	8	2
Sodium	ppm	ASTM D5185(m)		2	3	2
Potassium	ppm	ASTM D5185(m)	>20	1	2	0

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.6	5.7	4.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.5	20.4	16.4

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.9	13.3	6.5



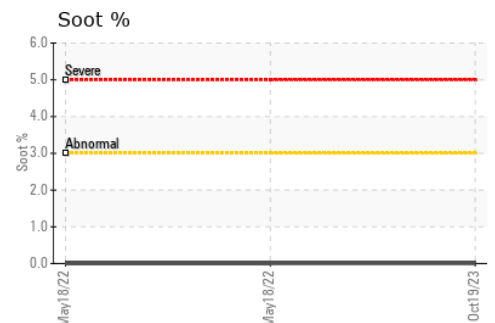
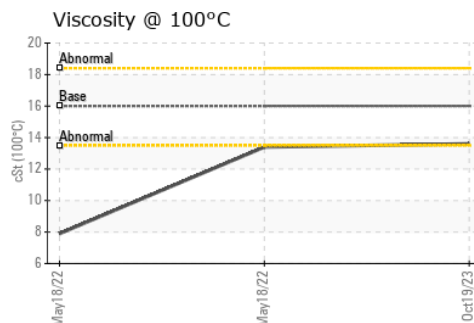
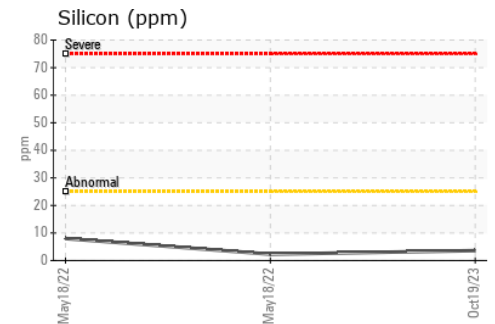
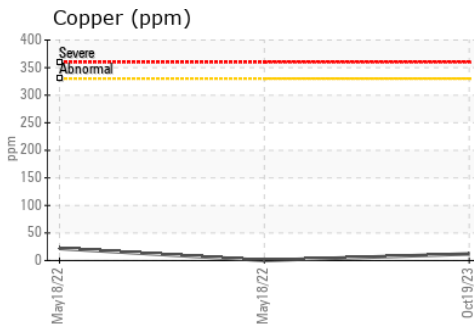
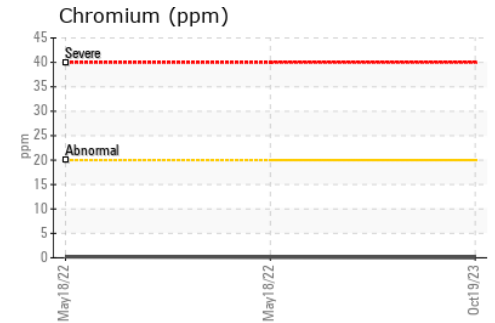
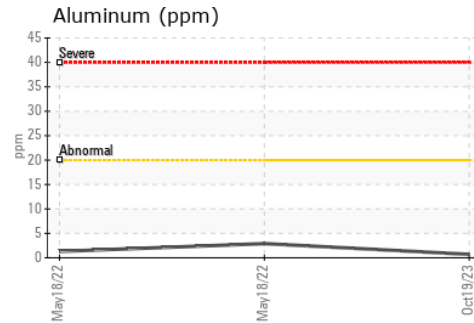
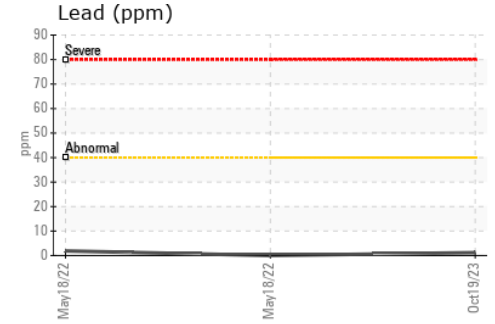
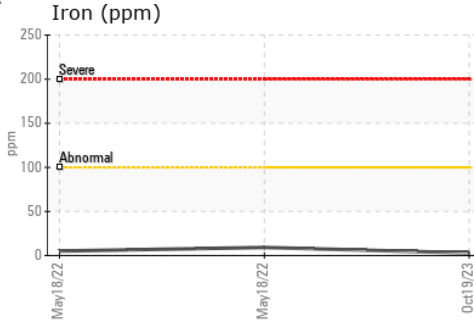
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	13.4	▲ 7.9

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0020485
Lab Number : 02591308
Unique Number : 5668387
Test Package : MOB 1

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 CA J0C 1K0
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 poiirivalerie@generatricedrummond.com
 T: (819)398-6811
 F: (819)398-7022

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.