



OIL ANALYSIS REPORT

Sample Rating Trend

FUEL

Area
BELL CANADA [6100108876]
 Machine Id
NO UNIT GD0005533
 Component
Diesel Engine
 Fluid
APRIL SUPERFLO GOLD K 15W40 (--- GAL)



DIAGNOSIS

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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Wear

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

Contamination

Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté 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	GD0005533	---	---
Sample Date	Client Info	16 Oct 2023	---	---
Machine Age	Client Info	522	---	---
Oil Age	Client Info	0	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		MARGINAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Glycol	WC Method	NEG	---	---

WEAR METALS

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

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185(m) 34	1	---	---
Barium ppm	ASTM D5185(m) 0	0	---	---
Molybdenum ppm	ASTM D5185(m) 70	59	---	---
Manganese ppm	ASTM D5185(m)	0	---	---
Magnesium ppm	ASTM D5185(m) 640	999	---	---
Calcium ppm	ASTM D5185(m) 1410	1095	---	---
Phosphorus ppm	ASTM D5185(m) 1020	1090	---	---
Zinc ppm	ASTM D5185(m) 1170	1262	---	---
Sulfur ppm	ASTM D5185(m) 2930	2786	---	---
Lithium ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m) >25	4	---	---
Sodium ppm	ASTM D5185(m)	2	---	---
Potassium ppm	ASTM D5185(m) >20	<1	---	---
Fuel %	ASTM D7593* >5	▲ 2.9	---	---

INFRA-RED

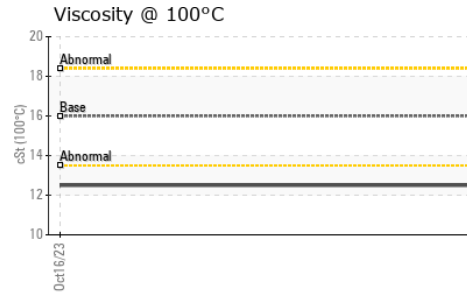
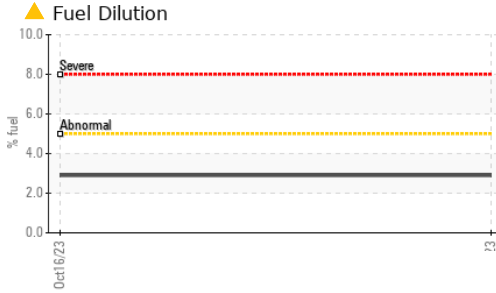
method	limit/base	current	history1	history2
Soot %	ASTM D7844* >3	0	---	---
Nitration Abs/cm	ASTM D7624* >20	5.2	---	---
Sulfation Abs/.1mm	ASTM D7415* >30	17.7	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation Abs/.1mm	ASTM D7414* >25	13.2	---	---



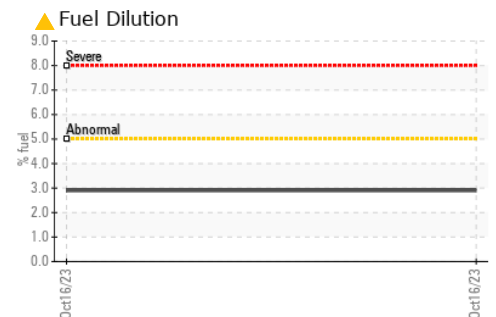
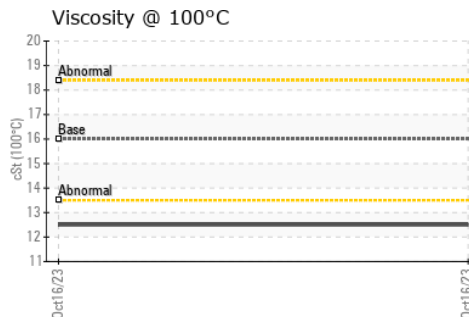
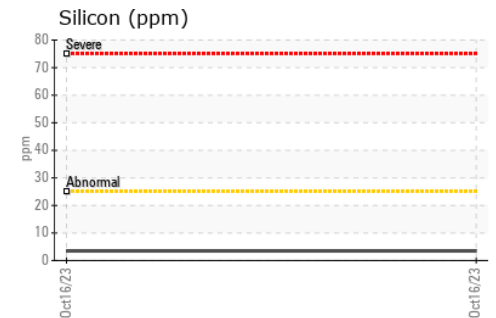
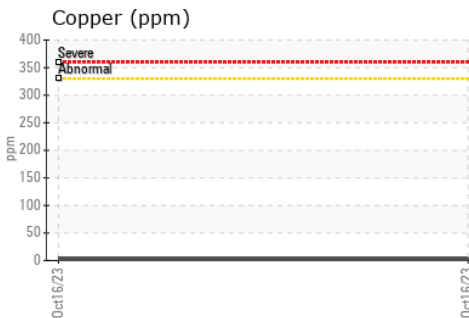
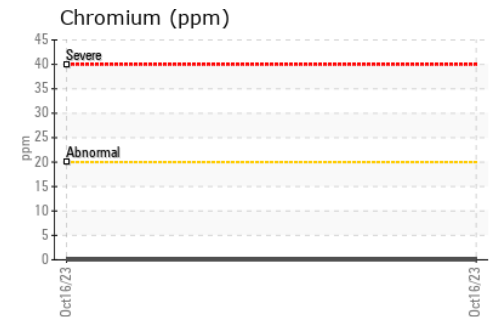
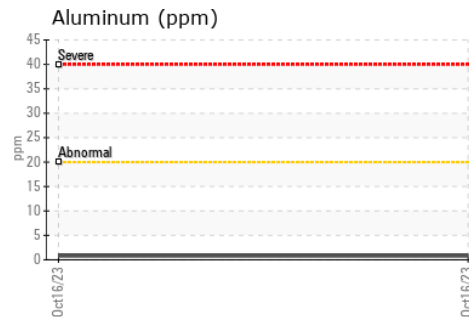
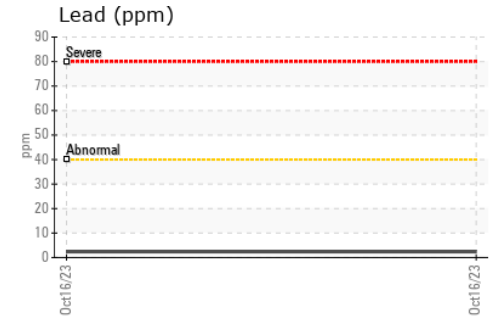
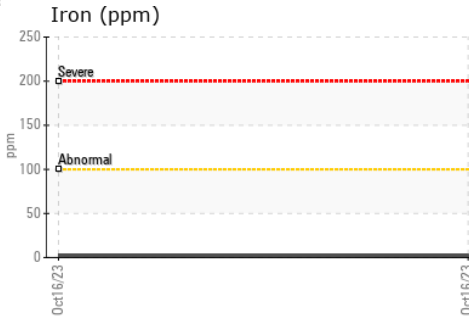
OIL ANALYSIS REPORT



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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	12.5	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0005533
Lab Number : 02591309
Unique Number : 5668388
Test Package : MOB 1 (Additional Tests: FUELDILUTION, PercentFuel)

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*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.*