



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



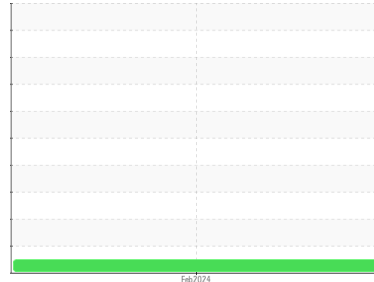
Area

BELL

Machine Id
GEO3033 DG-2

Component
Diesel Engine

Fluid
APRIL SUPERFLO SUPERPRO RXL1 GOLD UNIVERSAL 15W40 (--- GAL)



DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Wear

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

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		GD0005685	---	---
Sample Date	Client Info		19 Feb 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>3.0	<1.0	---	---
Water	WC Method	>0.2	NEG	---	---
Glycol	WC Method		NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	1	---
Chromium	ppm	ASTM D5185(m)	>20	0	---
Nickel	ppm	ASTM D5185(m)	>2	0	---
Titanium	ppm	ASTM D5185(m)	>2	0	---
Silver	ppm	ASTM D5185(m)	>2	0	---
Aluminum	ppm	ASTM D5185(m)	>30	<1	---
Lead	ppm	ASTM D5185(m)	>30	0	---
Copper	ppm	ASTM D5185(m)	>30	<1	---
Tin	ppm	ASTM D5185(m)	>15	0	---
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)		6	---
Barium	ppm	ASTM D5185(m)		0	---
Molybdenum	ppm	ASTM D5185(m)		58	---
Manganese	ppm	ASTM D5185(m)		0	---
Magnesium	ppm	ASTM D5185(m)		937	---
Calcium	ppm	ASTM D5185(m)		1071	---
Phosphorus	ppm	ASTM D5185(m)		994	---
Zinc	ppm	ASTM D5185(m)		1138	---
Sulfur	ppm	ASTM D5185(m)		2547	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

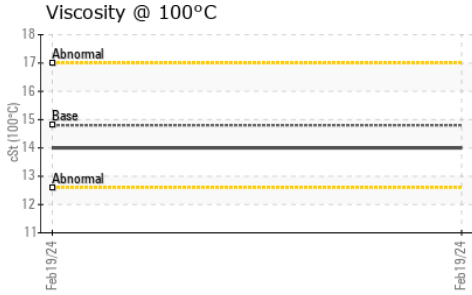
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>30	1	---
Sodium	ppm	ASTM D5185(m)		1	---
Potassium	ppm	ASTM D5185(m)	>20	0	---

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0	---
Nitration	Abs/cm	ASTM D7624*	>20	4.7	---
Sulfation	Abs./1mm	ASTM D7415*	>30	18.5	---



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FLUID DEGRADATION

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

VISUAL

method	limit/base	current	history1	history2
scalar	Visual*	>0.2	---	---
scalar	Visual*	NEG	---	---

FLUID PROPERTIES

method	limit/base	current	history1	history2
cSt	ASTM D7279(m)	14.8	---	---

GRAPHS

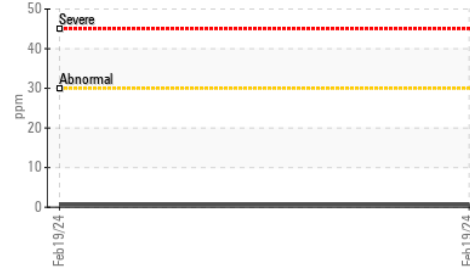
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



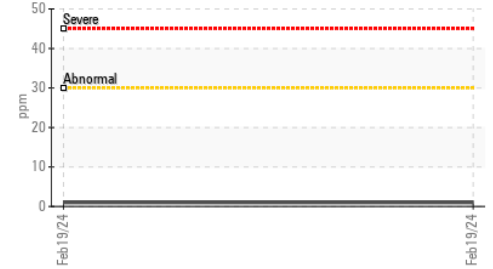
Chromium (ppm)



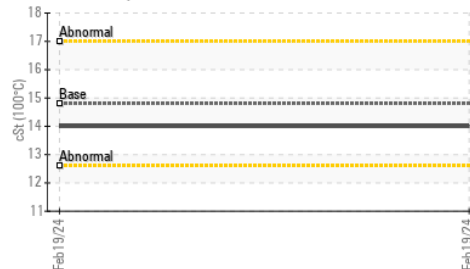
Copper (ppm)



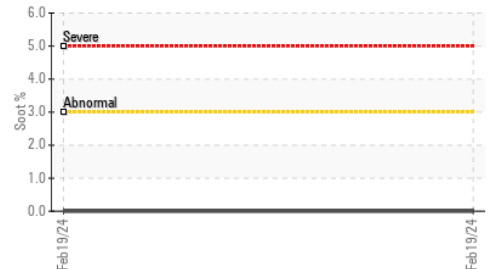
Silicon (ppm)



Viscosity @ 100°C



Soot %



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0005685
Lab Number : 02626409
Unique Number : 5759541
Test Package : MOB 1

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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.