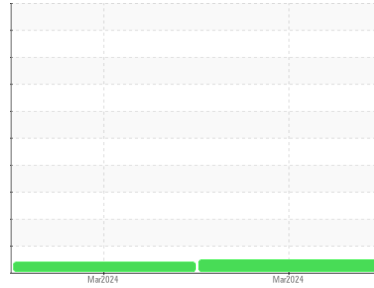


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[6100266067]
Machine Id
3110122886
Component
Transmission (Auto)
Fluid
SAE 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 le fluide.

Fluid Condition

Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WA0021322	WA0021314	---
Sample Date	Client Info			27 Mar 2024	01 Mar 2024	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	---

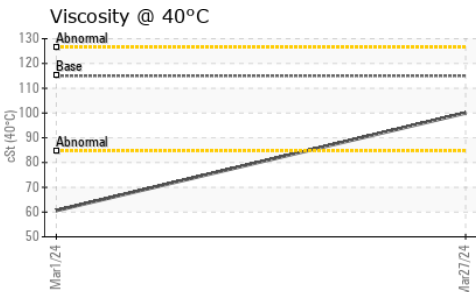
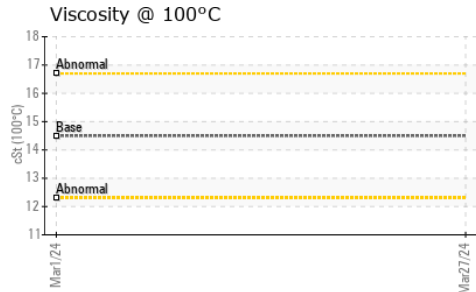
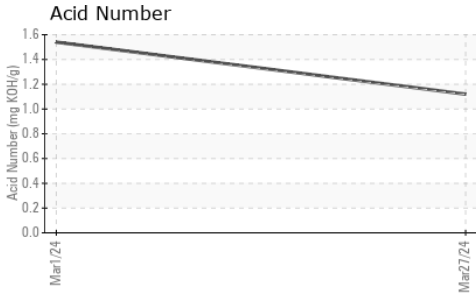
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>105	0	---	---
Iron	ppm	ASTM D5185(m)	>230	2	6	---
Chromium	ppm	ASTM D5185(m)	>2	0	0	---
Nickel	ppm	ASTM D5185(m)	>5	0	0	---
Titanium	ppm	ASTM D5185(m)	>2	0	0	---
Silver	ppm	ASTM D5185(m)	>5	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>65	<1	4	---
Lead	ppm	ASTM D5185(m)	>55	0	7	---
Copper	ppm	ASTM D5185(m)	>85	2	309	---
Tin	ppm	ASTM D5185(m)	>5	0	0	---
Antimony	ppm	ASTM D5185(m)		0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		56	2	---
Barium	ppm	ASTM D5185(m)		<1	0	---
Molybdenum	ppm	ASTM D5185(m)		33	0	---
Manganese	ppm	ASTM D5185(m)		0	0	---
Magnesium	ppm	ASTM D5185(m)		444	14	---
Calcium	ppm	ASTM D5185(m)		1500	2239	---
Phosphorus	ppm	ASTM D5185(m)		670	979	---
Zinc	ppm	ASTM D5185(m)		764	1068	---
Sulfur	ppm	ASTM D5185(m)		1960	3404	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	2	5	---
Sodium	ppm	ASTM D5185(m)	>57	6	1	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		4.4	---	---
Sulfation	Abs/.1mm	ASTM D7415*		22.1	---	---

OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*		19.6	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		1.12	1.54	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---
Free Water	scalar	Visual*		NEG	NEG	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	115	100	▲ 60.6	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.5	13.5	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	128	134	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						no image
Bottom						no image



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021322 **Received** : 02 Apr 2024
Lab Number : **02626003** **Tested** : 03 Apr 2024
Unique Number : 5759135 **Diagnosed** : 03 Apr 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: FT-IR, KV100, PQ, TAN Man, VI)

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.

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