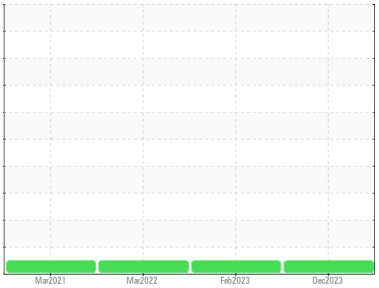
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Machine Id
8107
Component
Transmission (Auto)
Fluid
CASTROL TRANSYND (--- LTR)

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		**PC0079636**	PC0068807	PC0054891
Sample Date		Client Info		**21 Dec 2023**	17 Feb 2023	22 Mar 2022
Machine Age	kms	Client Info		**620137**	0	0
Oil Age	kms	Client Info		**120269**	140794	127684
Oil Changed		Client Info		**Changed**	Changed	Changed
Sample Status				**NORMAL**	NORMAL	NORMAL

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

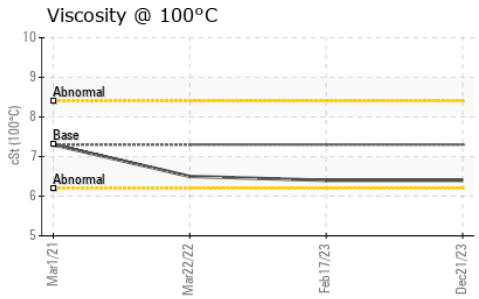
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>50	**0**	0	---
Iron	ppm	ASTM D5185(m)	>160	**64**	59	48
Chromium	ppm	ASTM D5185(m)	>5	**0**	0	0
Nickel	ppm	ASTM D5185(m)	>5	**<1**	<1	<1
Titanium	ppm	ASTM D5185(m)		**0**	0	0
Silver	ppm	ASTM D5185(m)	>5	**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>50	**13**	13	10
Lead	ppm	ASTM D5185(m)	>50	**8**	7	8
Copper	ppm	ASTM D5185(m)	>225	**40**	38	32
Tin	ppm	ASTM D5185(m)	>10	**2**	2	2
Antimony	ppm	ASTM D5185(m)		**0**	<1	0
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
Beryllium	ppm	ASTM D5185(m)		**0**	0	0
Cadmium	ppm	ASTM D5185(m)		**0**	0	0

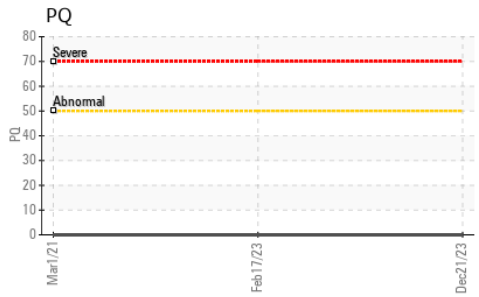
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	150	**66**	83	115
Barium	ppm	ASTM D5185(m)	0	**0**	0	0
Molybdenum	ppm	ASTM D5185(m)	0	**0**	<1	<1
Manganese	ppm	ASTM D5185(m)		**0**	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	**1**	1	1
Calcium	ppm	ASTM D5185(m)	40	**121**	120	118
Phosphorus	ppm	ASTM D5185(m)	320	**223**	266	321
Zinc	ppm	ASTM D5185(m)	5	**5**	4	3
Sulfur	ppm	ASTM D5185(m)	1050	**1548**	1551	1682
Lithium	ppm	ASTM D5185(m)		**<1**	<1	<1

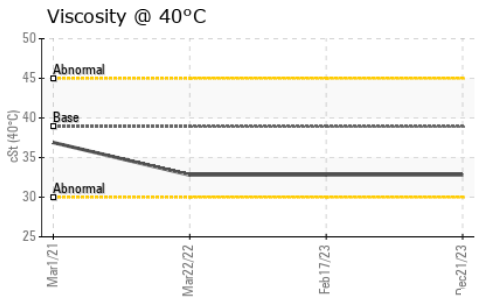
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	**8**	8	7
Sodium	ppm	ASTM D5185(m)		**4**	5	5
Potassium	ppm	ASTM D5185(m)	>20	**<1**	<1	1

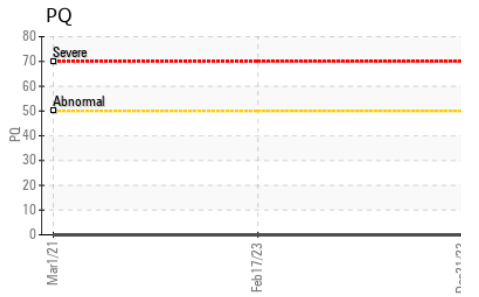
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	**1.12**	1.25	1.65

OIL ANALYSIS REPORT



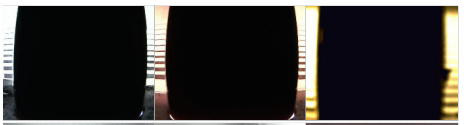






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**VLITE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	NONE	NONE
Sand/Dirt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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	**32.8**	32.8	32.8
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	**6.4**	6.4	6.5
Viscosity Index (VI)	Scale	ASTM D2270*	168	**150**	150	156

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
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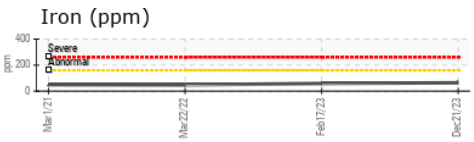
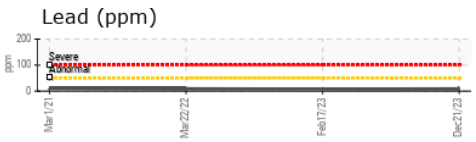
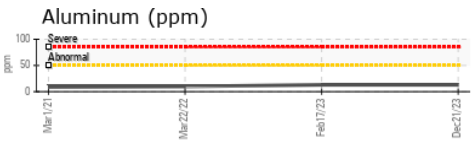
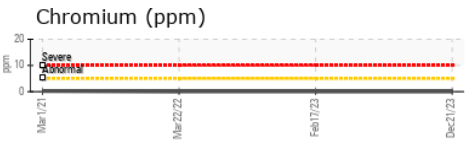
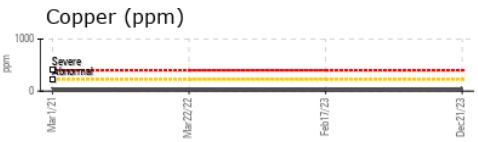
GRAPHS

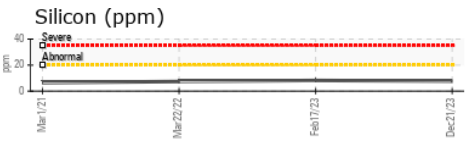


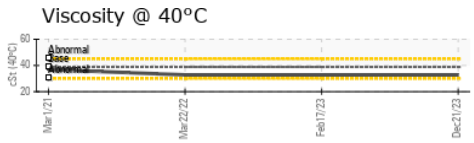


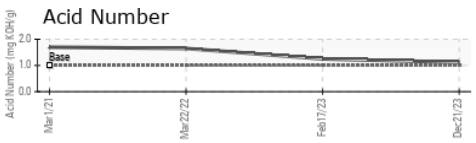












ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079636 **Received** : 28 Dec 2023
Lab Number : 02605573 **Tested** : 29 Dec 2023
Unique Number : 5698658 **Diagnosed** : 29 Dec 2023 - Wes Davis
Test Package : MOB 2 (Additional Tests: KV100, PQ, 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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