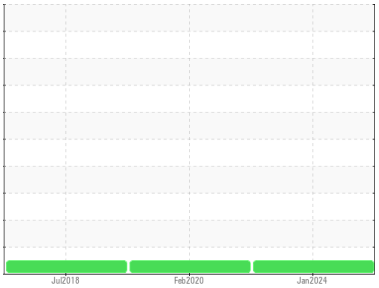
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Machine Id
8015
Component
Rear Transmission (Auto)
Fluid
CASTROL TRANSYND (27 LTR)

DIAGNOSIS

Recommendation
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
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		**PC0079579**	PC0027635	PC402183
Sample Date		Client Info		**16 Jan 2024**	03 Feb 2020	08 Jul 2018
Machine Age	kms	Client Info		**837660**	0	0
Oil Age	kms	Client Info		**119347**	112509	46910
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
Iron	ppm	ASTM D5185(m)	>160	**102**	67	39
Chromium	ppm	ASTM D5185(m)	>5	**0**	<1	0
Nickel	ppm	ASTM D5185(m)	>5	**<1**	<1	0
Titanium	ppm	ASTM D5185(m)		**0**	<1	<1
Silver	ppm	ASTM D5185(m)	>5	**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>50	**34**	13	8
Lead	ppm	ASTM D5185(m)	>50	**10**	2	2
Copper	ppm	ASTM D5185(m)	>225	**22**	7	4
Tin	ppm	ASTM D5185(m)	>10	**6**	<1	<1
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	**58**	125	130
Barium	ppm	ASTM D5185(m)	0	**0**	0	0
Molybdenum	ppm	ASTM D5185(m)	0	**0**	0	<1
Manganese	ppm	ASTM D5185(m)		**<1**	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	**6**	<1	<1
Calcium	ppm	ASTM D5185(m)	40	**108**	31	30
Phosphorus	ppm	ASTM D5185(m)	320	**200**	278	269
Zinc	ppm	ASTM D5185(m)	5	**11**	2	2
Sulfur	ppm	ASTM D5185(m)	1050	**1382**	522	213
Lithium	ppm	ASTM D5185(m)		**<1**	<1	0

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	**13**	6	4
Sodium	ppm	ASTM D5185(m)		**31**	3	2
Potassium	ppm	ASTM D5185(m)	>20	**2**	<1	<1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	**1.08**	1.16	1.20

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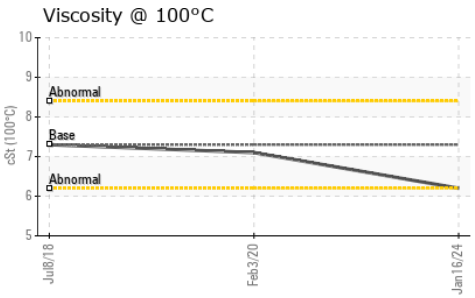
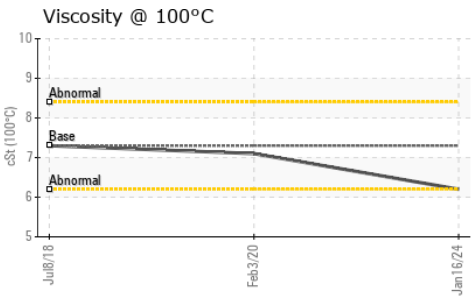
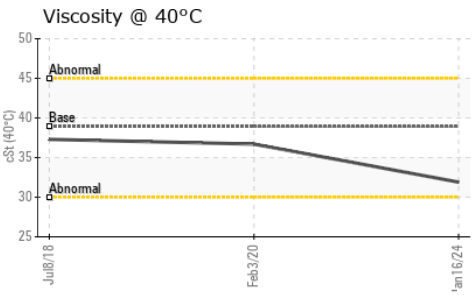




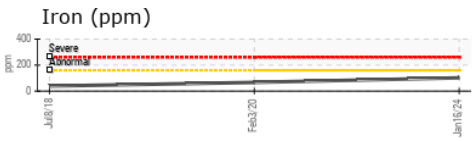


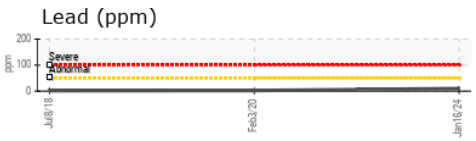
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	NONE	NONE
Sand/Dirt	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

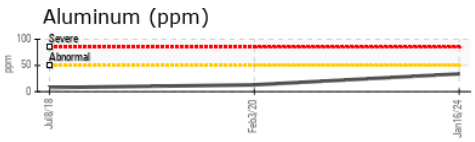
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	**31.9**	36.7	37.3
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	**6.2**	7.1	7.3
Viscosity Index (VI)	Scale	ASTM D2270*	168	**147**	159	164

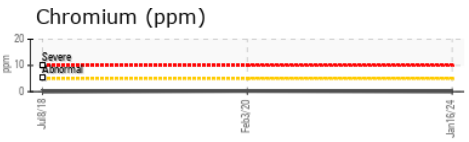
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

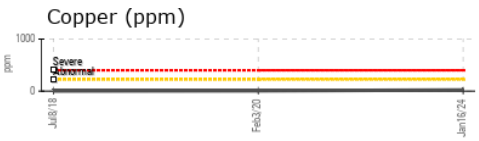
GRAPHS

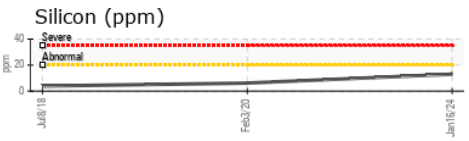


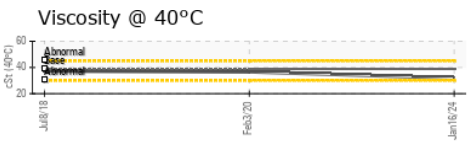


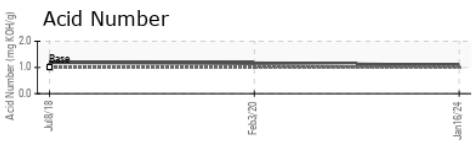












ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079579 **Received** : 22 Jan 2024
Lab Number : 02610320 **Tested** : 22 Jan 2024
Unique Number : 5711406 **Diagnosed** : 22 Jan 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: KV100, 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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