

Machine Id
1254
Component
Transmission (Manual)
Fluid
TES SYN 295 (--- GAL)

RECOMMENDATION

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TES SYN 295. Please confirm. Please specify the component make and model with your next sample.

WEAR

Aluminum ppm levels are abnormal. Torque converter wear is indicated.

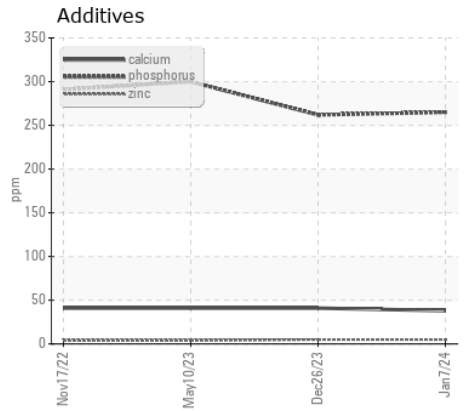
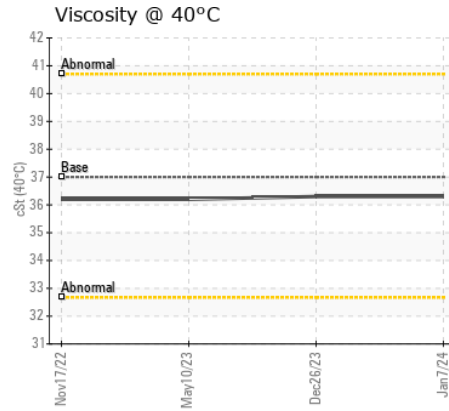
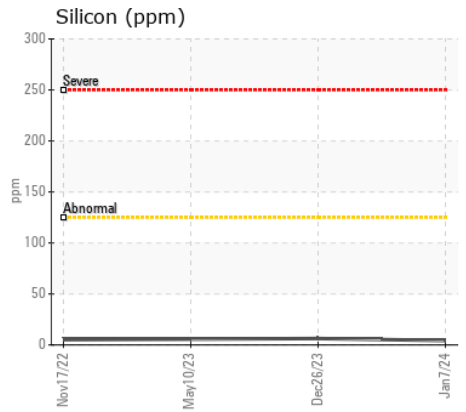
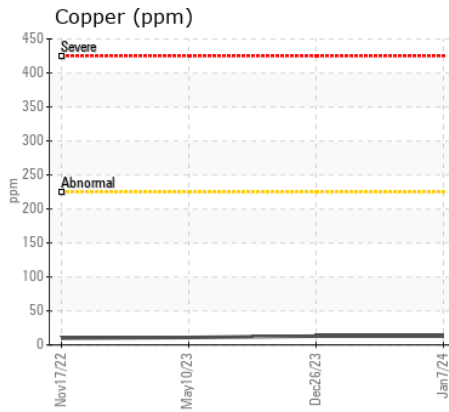
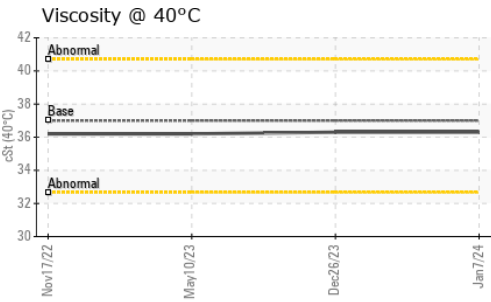
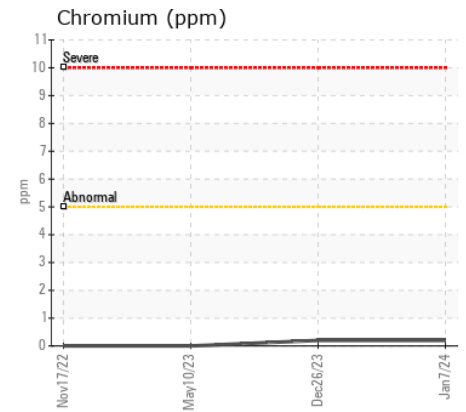
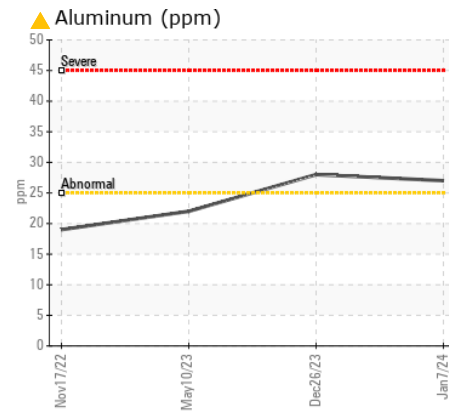
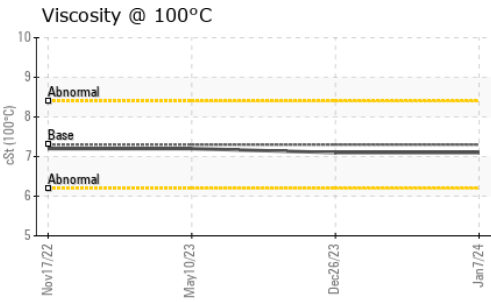
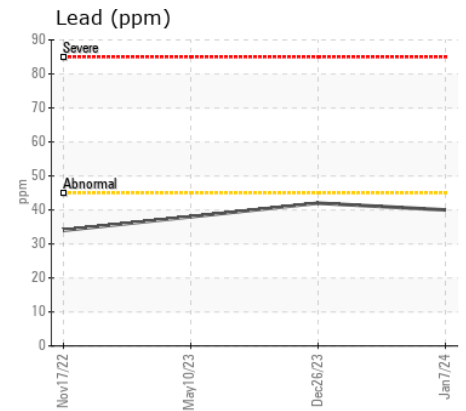
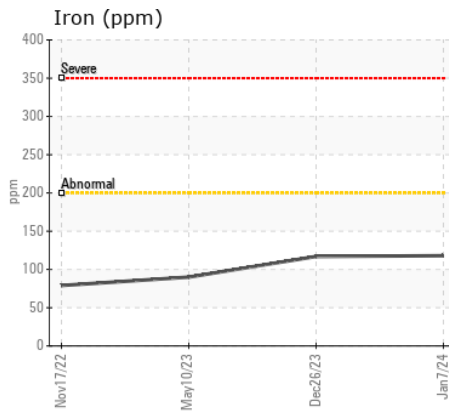
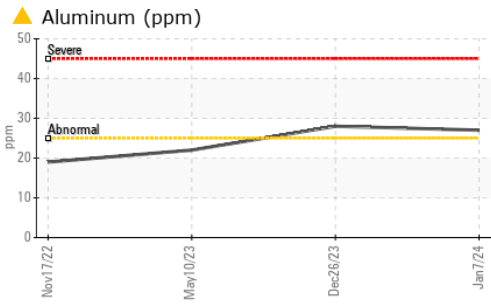
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083532	PC0083680	PC0072335
Sample Date		Client Info		07 Jan 2024	26 Dec 2023	10 May 2023
Machine Age	hrs	Client Info		4464	4452	3358
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	118	117	90
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	0
Nickel	ppm	ASTM D5185(m)	>5	<1	1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>7	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	▲ 27	▲ 28	22
Lead	ppm	ASTM D5185(m)	>45	40	42	38
Copper	ppm	ASTM D5185(m)	>225	13	13	11
Tin	ppm	ASTM D5185(m)	>10	4	4	4
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	4	6	6
Potassium	ppm	ASTM D5185(m)	>20	5	6	5
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	VLITE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	LIGHT	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		6	6	5
Boron	ppm	ASTM D5185(m)	85	101	98	113
Barium	ppm	ASTM D5185(m)	0	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	1	1	2
Manganese	ppm	ASTM D5185(m)	0	2	2	2
Magnesium	ppm	ASTM D5185(m)	1	<1	1	<1
Calcium	ppm	ASTM D5185(m)	100	38	41	41
Phosphorus	ppm	ASTM D5185(m)	200	265	262	300
Zinc	ppm	ASTM D5185(m)	0	5	5	4
Sulfur	ppm	ASTM D5185(m)	1500	673	651	681
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	36.3	36.3	36.2
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	7.1	7.1	7.2
Viscosity Index (VI)	Scale	ASTM D2270*	165	162	162	167



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
Sample No. : PC0083532 **Received** : 08 Jan 2024 270 RUE BRUNET
Lab Number : 02607169 **Diagnosed** : 08 Jan 2024 MONT ST-HILAIRE, QC
Unique Number : 5708255 **Diagnostician** : Kevin Marson CA J3H 0M6
Test Package : MOB 1 (Additional Tests: KV100, VI) Contact: Martin Trudel

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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