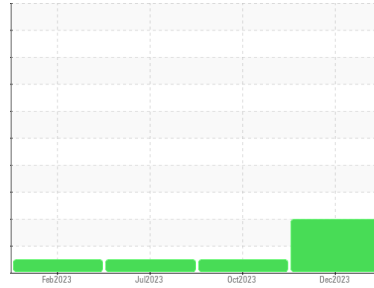


PROBLEM SUMMARY

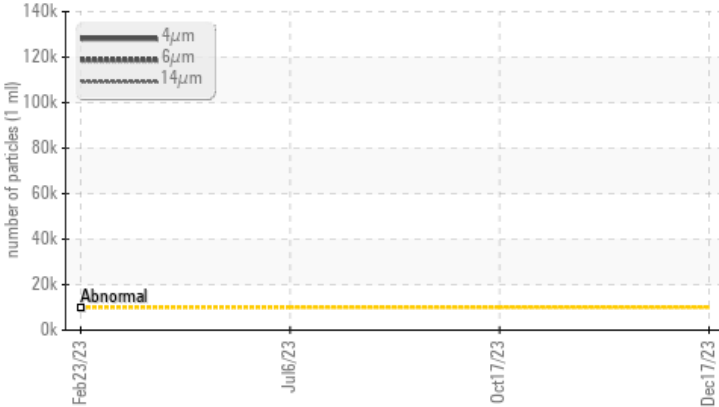
Sample Rating Trend



Machine Id
1252
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)

COMPONENT CONDITION SUMMARY

Particle Trend



RECOMMENDATION

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

Please specify the component make and model with your next sample.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	NORMAL	NORMAL
Particles >4µm	ASTM D7647	>10000	🔴 124527	---	---
Particles >6µm	ASTM D7647	>2500	🟡 16118	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	🔴 24/21/15	---	---

Customer Id: LES270MON
Sample No.: PC0076040
Lab Number: 02603884
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Wes Davis +1 905-569-8600 x223
wesd@wearcheck.ca

To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.
Resample	---	---	?	Resample in 30-45 days to monitor this situation.
Alert	---	---	?	The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.
Information Required	---	---	?	Please specify the component make and model with your next sample.
Check Breathers	---	---	?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.

HISTORICAL DIAGNOSIS

17 Oct 2023 Diag: Kevin Marson

NORMAL



Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



06 Jul 2023 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



23 Feb 2023 Diag: Kevin Marson

NORMAL



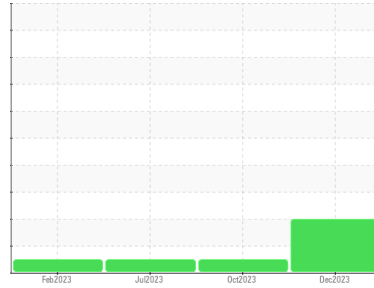
Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is Mineral ATF. Please confirm the fluid type and grade, and specify the brand of the fluid on your next sample. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report





Machine Id
1252
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)



DIAGNOSIS

Recommendation
Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.
Please specify the component make and model with your next sample.

Wear
All component wear rates are normal.

Contamination
There is a high amount of silt (particulates < 14 microns in size) present in the fluid.

Fluid Condition
The AN level is acceptable for this fluid. The fluid is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0076040	PC0082231	PC0073026
Sample Date	Client Info	17 Dec 2023	17 Oct 2023	06 Jul 2023
Machine Age	hrs	6568	6102	5605
Oil Age	hrs	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		SEVERE	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	---	---
Iron	ppm ASTM D5185(m) >160	49	131	120
Chromium	ppm ASTM D5185(m) >5	0	<1	<1
Nickel	ppm ASTM D5185(m) >5	<1	1	1
Titanium	ppm ASTM D5185(m)	0	0	0
Silver	ppm ASTM D5185(m) >5	<1	<1	0
Aluminum	ppm ASTM D5185(m) >50	20	52	49
Lead	ppm ASTM D5185(m) >50	16	50	48
Copper	ppm ASTM D5185(m) >225	9	21	17
Tin	ppm ASTM D5185(m) >10	2	6	6
Antimony	ppm ASTM D5185(m)	0	0	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

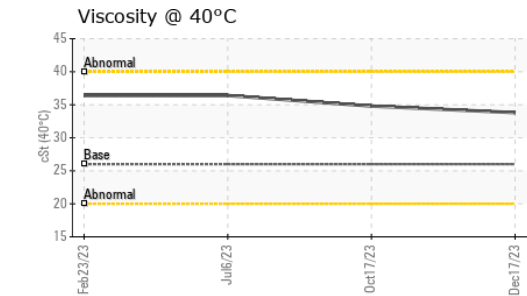
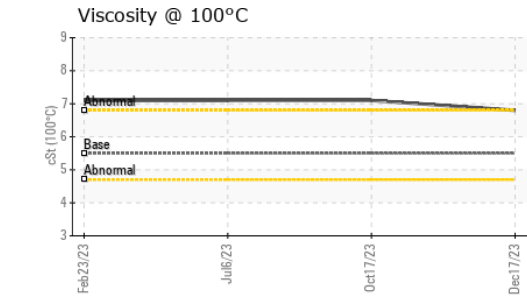
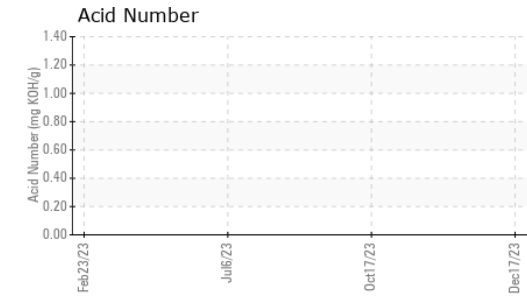
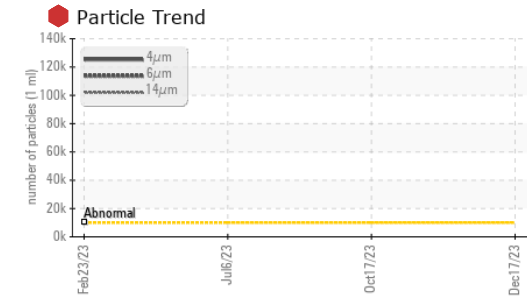
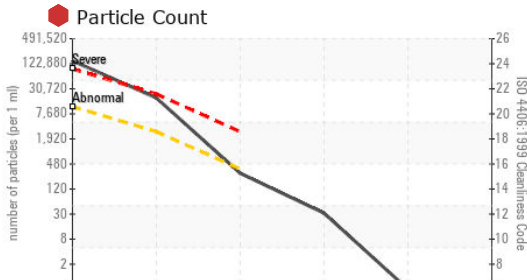
ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	88	101	100
Barium	ppm ASTM D5185(m)	<1	<1	<1
Molybdenum	ppm ASTM D5185(m)	0	<1	<1
Manganese	ppm ASTM D5185(m)	<1	2	3
Magnesium	ppm ASTM D5185(m)	2	<1	2
Calcium	ppm ASTM D5185(m)	104	41	47
Phosphorus	ppm ASTM D5185(m)	235	265	287
Zinc	ppm ASTM D5185(m)	6	7	10
Sulfur	ppm ASTM D5185(m)	1204	596	606
Lithium	ppm ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	5	7	9
Sodium	ppm ASTM D5185(m)	2	6	6
Potassium	ppm ASTM D5185(m) >20	1	4	5

OIL ANALYSIS REPORT



FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	124527	---	---	
Particles >6µm	ASTM D7647	>2500	16118	---	---	
Particles >14µm	ASTM D7647	>320	253	---	---	
Particles >21µm	ASTM D7647	>80	28	---	---	
Particles >38µm	ASTM D7647	>20	0	---	---	
Particles >71µm	ASTM D7647	>4	0	---	---	
Oil Cleanliness	ISO 4406 (c)	>20/18/15	24/21/15	---	---	

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		1.30	---	---

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)	26.0	33.8	34.8	36.4
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	6.8	7.1	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	155	164	172	161

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
Sample No. : PC0076040 **Received** : 18 Dec 2023
Lab Number : 02603884 **Diagnosed** : 20 Dec 2023
Unique Number : 5696969 **Diagnostician** : Wes Davis
Test Package : IND 2 (Additional Tests: KV100, PQ, PrtCount, TAN Man, VI)

270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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.