

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id **426139** Component **Transmission (Auto)** Fluid **DEXRON III (--- GAL)**

DIAGNOSIS Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Transmission)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

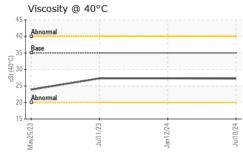
Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0128764	GFL0105516	GFL0085452
Sample Date		Client Info		10 Jul 2024	12 Jan 2024	11 Jul 2023
Machine Age	mls	Client Info		227368	227361	217792
Oil Age	mls	Client Info		227368	227361	217792
Oil Changed		Client Info		Not Changd	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	10	28	63
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	<1
Aluminum	ppm	ASTM D5185m		3	5	17
Lead	ppm	ASTM D5185m	>50	<1	2	8
Copper	ppm	ASTM D5185m		154	▲ 235	197
Tin	ppm	ASTM D5185m	>10	0	<1	2
Vanadium	ppm	ASTM D5185m	-	0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		13	27	69
Darium				•		0
Barium	ppm	ASTM D5185m		0	0	0
	ppm ppm	ASTM D5185m ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		0		
Molybdenum Manganese	ppm ppm			-	0 0	<1
Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 2	0 0 2	<1 <1 0
Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 2 276	0 0 2 319	<1 <1 0 362
Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 2 276 380	0 0 2 319 479	<1 <1 0 362 425
Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 2 276	0 0 2 319	<1 <1 0 362
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 <1 2 276 380 21	0 0 2 319 479 23	<1 <1 0 362 425 26
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >20	0 <1 2 276 380 21 800	0 0 2 319 479 23 951	<1 <1 0 362 425 26 1232
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method		0 <1 2 276 380 21 800 current	0 0 2 319 479 23 951 history1	<1 <1 0 362 425 26 1232 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m MSTM D5185m Method ASTM D5185m	>20	0 <1 2 276 380 21 800 current 7	0 0 2 319 479 23 951 history1 5	<1 <1 0 362 425 26 1232 history2 5
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	>20	0 <1 2 276 380 21 800 current 7 5	0 0 2 319 479 23 951 history1 5 1	<1 <1 0 362 425 26 1232 history2 5 3
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m	>20 >20	0 <1 2 276 380 21 800 current 7 5 1	0 0 2 319 479 23 951 <u>history1</u> 5 1 3	<1 <1 <1 0 362 425 26 1232 history2 5 3 3
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m	>20 >20 limit/base	0 <1 2 276 380 21 800 current 7 5 1 2 1	0 0 2 319 479 23 951 history1 5 1 3 history1	<1 <1 0 362 425 26 1232 history2 5 3 3 3 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m method	>20 >20 limit/base NONE	0 <1 2 276 380 21 800 current 7 5 1 1 current NONE	0 0 2 319 479 23 951 history1 5 1 3 history1 NONE	<1 <1 <1 0 362 425 26 1232 history2 5 3 3 history2 NONE
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m Yisual	>20 >20 limit/base NONE NONE	0 <1 2 276 380 21 800 current 7 5 1 1 current NONE NONE	0 0 2 319 479 23 951 <u>history1</u> 5 1 3 <u>history1</u> NONE NONE	<1 <1 0 362 425 26 1232 history2 5 3 3 3 history2 NONE NONE
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m Yisual	>20 >20 limit/base NONE NONE NONE	0 <1 2 276 380 21 800 <u>current</u> 7 5 1 1 <u>current</u> NONE NONE NONE	0 0 2 319 479 23 951 <u>history1</u> 5 1 3 <u>history1</u> NONE NONE NONE NONE	<1 <1 0 362 425 26 1232 history2 5 3 3 3 history2 NONE NONE NONE NONE
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE	0 <1 2 276 380 21 800 current 7 5 1 1 current NONE NONE NONE NONE	0 0 2 319 479 23 951 history1 5 1 3 <u>history1</u> NONE NONE NONE NONE NONE	<1 <1 <1 0 362 425 26 1232 history2 5 3 3 history2 NONE
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE NONE	0 <1 2 276 380 21 800 current 7 5 1 1 current NONE NONE NONE NONE NONE NONE	0 0 2 319 479 23 951 history1 5 1 3 <u>history1</u> NONE NONE NONE NONE NONE NONE	<1 <1 <1 0 362 425 26 1232 history2 5 3 3 history2 NONE
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	0 <1 2 276 380 21 800 Current 7 5 1 5 1 0 Current NONE NONE NONE NONE NONE NONE NONE NON	0 0 2 319 479 23 951 history1 5 1 3 <u>history1</u> NONE NONE NONE NONE NONE NONE NONE NON	<1 <1 <1 <1 0 362 425 26 1232 history2 5 3 3 history2 NONE NORML
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 Iimit/base NONE NONE NONE NONE NONE NONE NONE NON	0 <1 2 276 380 21 800 <u>current</u> 7 5 1 1 <u>current</u> NONE NONE NONE NONE NONE NONE NONE NON	0 0 2 319 479 23 951 history1 5 1 3 5 1 3 <i>history1</i> NONE NONE NONE NONE NONE NONE NONE NON	<1 <1 <1 0 362 425 26 1232 history2 5 3 3 history2 NONE NORML NORML NORML
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	0 <1 2 276 380 21 800 Current 7 5 1 5 1 0 Current NONE NONE NONE NONE NONE NONE NONE NON	0 0 2 319 479 23 951 history1 5 1 3 <u>history1</u> NONE NONE NONE NONE NONE NONE NONE NON	<1 <1 <1 0 362 425 26 1232 history2 5 3 3 history2 NONE NONE NORML



OIL ANALYSIS REPORT



FLUID PROPER	TIES method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	5 35.0	27.2	27.3	27.3
SAMPLE IMAGE	S method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image
GRAPHS					
Ferrous Alloys					
140 - iron chromium					
120 - mickel					
100 § 80					
60					
40					
20					
May25/23	Jan 12/24 -	Jul10/24			
چ ع Non-ferrous Metals	Jar	۳٢			
200 - Reason lead	<				
150					
100					
50 -					
13 13 13 13	/24	/24			
May25/23 Jul11/23	Jan12/24	Jul10/24			
Viscosity @ 40°C					
40 - Abnormal					
35 - Base					
(J-0 F) 30- 					
25 20 Abnormal					
12 15 15 15 15	Jan 1 2/24 +-	Jul10/24			
May25/23 Jul11/23	Jan 1	Juli			
: WearCheck USA - 501 I : GFL0128764 : 06238265	Received : 1 Tested : 1	6 Jul 2024 7 Jul 2024			st Belfort Stre Sugar Land, 1
: 11127099 : FLEET	Diagnosed : 1	8 Jul 2024 - Se		ntact: TECHNIC	US 7749

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

Submitted By: TECHNICIAN ACCOUNT Page 2 of 2

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