

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **1305** Component **Transmission (Auto)** Fluid **DEXRON III (--- GAL)**

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

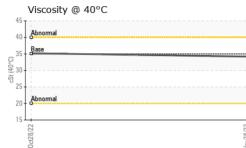
The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0845001	WC0744300	
Sample Date		Client Info		28 Nov 2023	28 Oct 2022	
Machine Age	mls	Client Info		257301	0	
Oil Age	mls	Client Info		0	0	
Oil Changed		Client Info		N/A	Changed	
Sample Status				NORMAL	ABNORMAL	
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	32	36	
Chromium	ppm	ASTM D5185m	>5	0	0	
Nickel	ppm	ASTM D5185m	>5	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	>5	0	0	
Aluminum	ppm	ASTM D5185m	>50	6	7	
Lead	ppm	ASTM D5185m	>50	2	0	
Copper	ppm	ASTM D5185m	>225	5	6	
Tin	ppm	ASTM D5185m	>10	0	0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		101	112	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m		0 <1	0 <1	
-				-		
Manganese	ppm	ASTM D5185m		<1	<1	
Manganese Magnesium	ppm ppm	ASTM D5185m ASTM D5185m		<1 9	<1 2	
Manganese Magnesium Calcium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		<1 9 337	<1 2 58	
Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		<1 9 337 361	<1 2 58 302	
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	<1 9 337 361 108	<1 2 58 302 0	
Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >20	<1 9 337 361 108 1390	<1 2 58 302 0 794	
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method		<1 9 337 361 108 1390 current	<1 2 58 302 0 794 history1	 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20	<1 9 337 361 108 1390 current 5	<1 2 58 302 0 794 history1 5	 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20	<1 9 337 361 108 1390 current 5 4	<1 2 58 302 0 794 history1 5 2	 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20	<1 9 337 361 108 1390 current 5 4 <1	<1 2 58 302 0 794 <u>history1</u> 5 2 0	 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 limit/base	<1 9 337 361 108 1390 current 5 4 <1 current	<1 2 58 302 0 794 history1 5 2 0 history1	 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m XBTM D5185m	>20 >20 limit/base NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE	<1 2 58 302 0 794 history1 5 2 0 history1 MODER	 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Yisual	>20 >20 limit/base NONE NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE	<1 2 58 302 0 794 history1 5 2 0 history1 0 history1 MODER NONE	 history2 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	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	>20 >20 limit/base NONE NONE NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE NONE	<1 2 58 302 0 794	 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm 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 *Visual *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE NONE NONE NONE	<1 2 5 8 302 0 794 history1 5 2 0 0 history1 MODER NONE NONE NONE NONE NONE	 history2 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar	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	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE NONE NONE NONE NONE NON	<1 2 5 8 302 0 794 history1 5 2 0 history1 MODER NONE NONE NONE NONE NONE NONE NONE NO	 history2 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow 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 XSTM D	>20 >20 limit/base NONE NONE NONE NONE NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE NONE NONE NONE NONE NON	<1 2 58 302 0 794	 history2 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar 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 *Visual *Visual *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE NONE NONE NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE NONE NONE NONE NONE NON	<1 2 5 8 302 0 794	 history2 history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar 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 *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NONE	<1 9 337 361 108 1390 current 5 4 <1 current NONE NONE NONE NONE NONE NONE NONE NON	<1 2 5 8 302 0 794	 history2 history2 -



OIL ANALYSIS REPORT

FLUID PROPERTIES method limit/base



	FLUID PROPER		method	limit/base	current	history1	history
	Visc @ 40°C	cSt	ASTM D445	35.0	34.2	35.2	
	SAMPLE IMAGE	ES	method	limit/base	current	history1	history
53	Color					no image	no image
Mov28/23	Bottom					no image	no image
	GRAPHS						
	Ferrous Alloys						
	35 - iron 30 - nickel						
1	25 - E 20 -						
	15-						
	10						
	5						
	0ct28/22			Nov28/23			
	് Non-ferrous Met	ale		Nov			
	9 - lead 8 - tin						
	7						
	Ē 5-						
	4						
	2		atelelelety)s)s)eletet	al mail in all mail			
		*****************		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
	0ct28/22			Nav28/23			
	Viscosity @ 40°C	2		-			
	45 Abnormal						
	40 - Abnormal			-			
Ę	35 - Base						
	100 00						
	25 -						
	20 - Abnormal			-			
	15						
	0ct28/22			Nov28/23			
Laboratory Sample No. Lab Number Unique Number Test Package	: WearCheck USA - : WC0845001 : 06028265 : 10778056 : FLEET	Receive Diagnos Diagnos	d : 07 ed : 10 tician : Dor	ry, NC 2751 Dec 2023 Dec 2023 n Baldridge	3	6900 M CH Contact: RC	
icuss this sample report, c notes test methods that a nents of conformity to speci	contact Customer Ser re outside of the ISO	17025 sco	ope of accred	litation.	(JCGM 106:2012)	rbrown@town	

Contact/Location: RONNIE BROWN - TOWCHANC