

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Ic 510001 Component Transmission (Auto) Fluic

DEXRON III (--- GAL)

DIAGNOSIS Recommendation

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.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

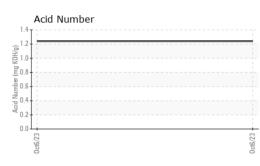
Fluid Condition

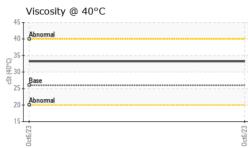
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sample Date Client Info 06 Oct 2023 Machine Age kms Client Info 376229 Oil Age kms Client Info 0 Sample Status Client Info Changed WEAR METALS method limi/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1 Aluminum ppm ASTM D5185(m) >5 <1 Aluminum ppm ASTM D5185(m) >50 12 Lead ppm ASTM D5185(m) >50 3 Autimum ppm ASTM D5185(m) 0 Copper ppm ASTM D5185(m) 0 Astim D5185(m) 0 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
SAMPLE INFORMATION method imit/base current history1 history2 Sample Number Client Info GFL0091558 Machine Age kms Client Info 06 Oct 2023 Machine Age kms Client Info 0 Oil Age kms Client Info Changed Sample Status Imit/base current history1 history1 history2 VecAr METALS method Imit/base current history1 history1 history1 Kickel ppm ASTM D5185(m) >5 0 Sliver ppm ASTM D5185(m) >50 12 Auminum ppm ASTM D5185(m) >50 3 Auminum ppm ASTM D5185(m) >50 3 Auminum ppm ASTM D5185(m) 0							
Sample Number Client Info GFL0091558 Sample Date Client Info 06 Oct 2023 Machine Age kms Client Info 0 Oil Age kms Client Info 0 Oil Age kms Client Info Changed Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 1 Lead ppm ASTM D5185(m) >50 12 Aluminum ppm ASTM D5185(m) >50 3 Lead ppm ASTM D5185(m) 0 Autominum ppm					Oct2023		
Sample Date Client Info 06 Oct 2023 Machine Age kms Client Info 376229 Oil Age kms Client Info 0 Oil Anged Client Info O Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Chromium ppm ASTM D5185(m) >5 1 Mackel ppm ASTM D5185(m) >5 1 Aluminum ppm ASTM D5185(m) >5 1 Lead ppm ASTM D5185(m) >50 3 Antimony ppm ASTM D5185(m) 0 Antimum ppm ASTM D5185(m)	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age kms Client Info 376229 Oil Age kms Client Info 0 Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Ohromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 1 Silver ppm ASTM D5185(m) >50 12 Lead ppm ASTM D5185(m) >50 3 Antimony ppm ASTM D5185(m) >10 <1	Sample Number		Client Info		GFL0091558		
Oil Age kms Client Info 0 Oil Changed Client Info Changed Sample Status Imit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1	Sample Date		Client Info		06 Oct 2023		
Oil Changed Client Info Changed Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >160 42 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 1 Aluminum ppm ASTM D5185(m) >50 12 Lead ppm ASTM D5185(m) >50 3 Antimony ppm ASTM D5185(m) >10 <1	Machine Age	kms	Client Info		376229		
Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >160 42 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1	0	kms	Client Info				
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >160 42 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1	-		Client Info		-		
Iron ppm ASTM D5185(m) >160 42 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1	Sample Status				NORMAL		
Dromium ppm ASTM D5188(m) >5 0 Nickel ppm ASTM D5188(m) >5 <1 Titanium ppm ASTM D5188(m) >5 <1 Silver ppm ASTM D5188(m) >50 12 Aluminum ppm ASTM D5188(m) >50 3 Copper ppm ASTM D5188(m) >225 8 Antimony ppm ASTM D5188(m) >10 <1 Antimony ppm ASTM D5188(m) 0 Antimony ppm ASTM D5188(m) 0 Antimony ppm ASTM D5188(m) 0 Cadmium ppm ASTM D5188(m) 0 ADDITVES method limit/base	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel ppm ASTM D5185(m) >5 <1 Titanium ppm ASTM D5185(m) >5 <1	Iron	ppm	ASTM D5185(m)	>160	42		
Titanium ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) >5 <1	Chromium	ppm	ASTM D5185(m)	>5	0		
Silver ppm ASTM D5185(m) >5 <1 Aluminum ppm ASTM D5185(m) >50 12 Lead ppm ASTM D5185(m) >50 3 Copper ppm ASTM D5185(m) >225 8 Antimony ppm ASTM D5185(m) >10 <1	Nickel	ppm	ASTM D5185(m)	>5	<1		
Aluminum ppm ASTM D5185(m) >50 12 Lead ppm ASTM D5185(m) >50 3 Copper ppm ASTM D5185(m) >225 8 Tin ppm ASTM D5185(m) >10 <1	Titanium	ppm	ASTM D5185(m)		0		
Lead ppm ASTM D5185(m) >50 3 Copper ppm ASTM D5185(m) >225 8 Tin ppm ASTM D5185(m) >10 <1	Silver	ppm	ASTM D5185(m)	>5	<1		
Copper ppm ASTM D5185(m) >2225 8 Tin ppm ASTM D5185(m) >10 <1	Aluminum	ppm	ASTM D5185(m)	>50	12		
Tin ppm ASTM D5185(m) >10 <1 Antimony ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 89 Molybdenum ppm ASTM D5185(m) 0 Maganesium ppm ASTM D5185(m) 21 Calcium ppm ASTM D5185(m) 231 Calcium ppm ASTM D5185(m) 1111 Sulfur ppm ASTM D5185(m) 11111 S	Lead	ppm	ASTM D5185(m)	>50	3		
Antimony ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) <1	Copper	ppm	ASTM D5185(m)	>225	8		
VanadiumppmASTM D5185(m)0BerylliumppmASTM D5185(m)0CadmiumppmASTM D5185(m)0ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)89BariumppmASTM D5185(m)<1	Tin	ppm	ASTM D5185(m)	>10	<1		
BerylliumppmASTM D5185(m)0CadmiumppmASTM D5185(m)0ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)89BariumppmASTM D5185(m)<1	Antimony	ppm	ASTM D5185(m)		0		
CadmiumppmASTM D5185(m)0ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)89BariumppmASTM D5185(m)<1	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)89BariumppmASTM D5185(m)0MolybdenumppmASTM D5185(m)0ManganeseppmASTM D5185(m)<1	Beryllium	ppm	ASTM D5185(m)		0		
Boron ppm ASTM D5185(m) 89 Barium ppm ASTM D5185(m) <1	Cadmium	ppm	ASTM D5185(m)		0		
Barium ppm ASTM D5185(m) <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) <1	Boron	ppm	ASTM D5185(m)		89		
Manganese ppm ASTM D5185(m) <1 Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 102 Phosphorus ppm ASTM D5185(m) 231 Zinc ppm ASTM D5185(m) 13 Sulfur ppm ASTM D5185(m) 1111 Lithium ppm ASTM D5185(m) <11	Barium	ppm	ASTM D5185(m)		<1		
Magnesium ppm ASTM D5185(m) 2 Calcium ppm ASTM D5185(m) 102 Phosphorus ppm ASTM D5185(m) 231 Zinc ppm ASTM D5185(m) 13 Sulfur ppm ASTM D5185(m) 1111 Lithium ppm ASTM D5185(m) CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) 3 Sodium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	Molybdenum	ppm	ASTM D5185(m)		0		
Calcium ppm ASTM D5185(m) 102 Phosphorus ppm ASTM D5185(m) 231 Zinc ppm ASTM D5185(m) 13 Sulfur ppm ASTM D5185(m) 1111 Lithium ppm ASTM D5185(m) 1111 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) 3 Sodium ppm ASTM D5185(m) 3 Potassium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	Manganese	ppm	ASTM D5185(m)		<1		
Phosphorus ppm ASTM D5185(m) 231 Zinc ppm ASTM D5185(m) 13 Sulfur ppm ASTM D5185(m) 1111 Lithium ppm ASTM D5185(m) 1111 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	-	ppm			_		
Zinc ppm ASTM D5185(m) 13 Sulfur ppm ASTM D5185(m) 1111 Lithium ppm ASTM D5185(m) <11 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) >20 4 Potassium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	Calcium	ppm	ASTM D5185(m)		102		
SulfurppmASTM D5185(m)1111LithiumppmASTM D5185(m)<1CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>204SodiumppmASTM D5185(m)>203PotassiumppmASTM D5185(m)>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2		ppm	ASTM D5185(m)				
LithiumppmASTM D5185(m)<1CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>204SodiumppmASTM D5185(m)3PotassiumppmASTM D5185(m)>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Zinc	ppm	ASTM D5185(m)		13		
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>204SodiumppmASTM D5185(m)3PotassiumppmASTM D5185(m)>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2		ppm	· · ·		1111		
Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) 3 Potassium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	Lithium	ppm	ASTM D5185(m)		<1		
Sodium ppm ASTM D5185(m) 3 Potassium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	CONTAMINAN	TS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185(m) >20 0 FLUID DEGRADATION method limit/base current history1 history2	Silicon	ppm	ASTM D5185(m)	>20	4		
FLUID DEGRADATION method limit/base current history1 history2	Sodium	ppm	ASTM D5185(m)		3		
	Potassium	ppm	ASTM D5185(m)	>20	0		
Acid Number (AN) mg KOH/g ASTM D974* 1.24	FLUID DEGRAD		method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974*		1.24		



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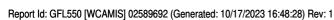




history1 history	history1	current	limit/base	method		VISUAL
		NONE	NONE	Visual*	scalar	White Metal
		NONE	NONE	Visual*	scalar	Yellow Metal
		NONE	NONE	Visual*	scalar	Precipitate
		NONE	NONE	Visual*	scalar	Silt
		NONE	NONE	Visual*	scalar	Debris
		NONE	NONE	Visual*	scalar	Sand/Dirt
		NORML	NORML	Visual*	scalar	Appearance
		NORML	NORML	Visual*	scalar	Odor
		NEG	>0.1	Visual*	scalar	Emulsified Water
		NEG		Visual*	scalar	Free Water
history1 history	history1	current	limit/base	method	RTIES	FLUID PROPE
		33.2	26.0	ASTM D7279(m)	cSt	Visc @ 40°C
history1 history	history1	current	limit/base	method	iES	SAMPLE IMAG
no image no image	no image					Color
no image no image	no image					Bottom
		Lead (ppm)			-	GRAPHS Iron (ppm)
		Savara	150			00 Severe
		Abnormal	E 100			00 - <mark>Abnormal</mark> 00 -
						0
		0ct6/23	0ct6/23			0ct6/23
m)	opm)	Chromium (pp				Aluminum (ppm)
		Severe	15			00 Severe
		Abnormal	e ¹⁰			50 - Abnormal
			— 0			0
		0ct6/23	0ct6/23			0ct6/23
)	Silicon (ppm)	_			Copper (ppm)
		Severe	40			00 Severe
		Abnormal	<u>특</u> 20			Abnormal
						0
		0ct6/23	0ct6/23			0ct6/23
	-					 Viscosity @ 40°C
			Hoy B			60 T
		1	Ē 1.0			40 - Abnormal 20 - Abnormal
						20
		1	N			04
		0ct6/23	Oct6/23			0ctf)/23

Accredited Laboratory Test Package : MOB 2 (Additional Tests: TAN Man) 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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CALA

ISO 17025:2017

Contact/Location: Jack Levesque - GFL550