

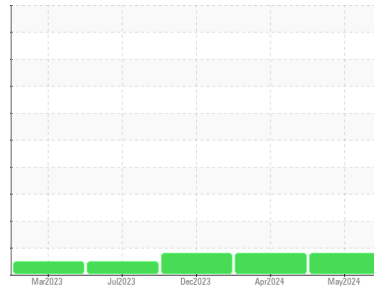


OIL ANALYSIS REPORT



Machine Id
#813091
 Component
Transmission (Auto)
 Fluid
DEXRON III (20 LTR)

Sample Rating Trend



WEAR



DIAGNOSIS

Recommendation

Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du (GENERIC) DEXRON III. Veuillez confirmer. (Customer Sample Comment: Top Up Amount: 4 LTR)

Wear

Le taux d'étain est marginal. Les taux d'usure de tous les autres composants sont normaux.

Contamination

Il n'y a aucun indice de contamination dans le fluide.

Fluid Condition

L'état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0113521	GFL0091112	GFL0079091
Sample Date	Client Info		28 May 2024	03 Apr 2024	13 Dec 2023
Machine Age	hrs	Client Info	3757	3467	2821
Oil Age	hrs	Client Info	1093	3467	2821
Oil Changed	Client Info		Oil Added	Oil Added	Oil Added
Sample Status			MARGINAL	MARGINAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>230	140	159	162
Chromium	ppm	ASTM D5185(m)	>2	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>65	54	58	58
Lead	ppm	ASTM D5185(m)	>55	14	15	14
Copper	ppm	ASTM D5185(m)	>85	11	12	12
Tin	ppm	ASTM D5185(m)	>5	▲ 5	▲ 5	▲ 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

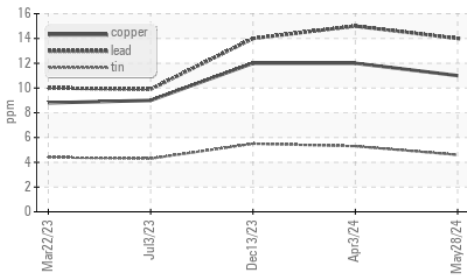
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		71	75	82
Barium	ppm	ASTM D5185(m)		<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		2	2	2
Magnesium	ppm	ASTM D5185(m)		2	2	1
Calcium	ppm	ASTM D5185(m)		91	83	84
Phosphorus	ppm	ASTM D5185(m)		242	243	253
Zinc	ppm	ASTM D5185(m)		10	9	11
Sulfur	ppm	ASTM D5185(m)		1355	1391	1355
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

CONTAMINANTS

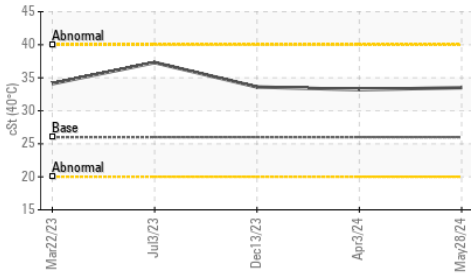
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	7	7	9
Sodium	ppm	ASTM D5185(m)		7	8	8
Potassium	ppm	ASTM D5185(m)	>20	4	4	3

OIL ANALYSIS REPORT

▲ Non-ferrous Metals



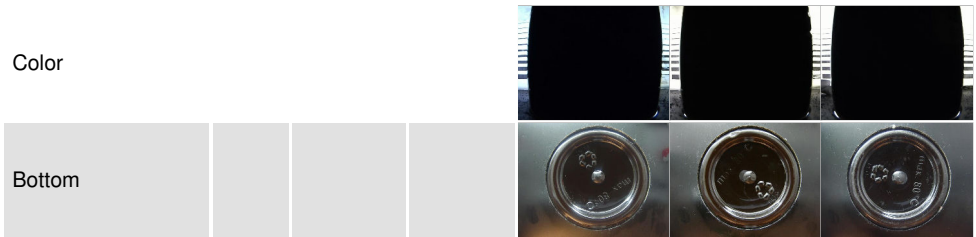
Viscosity @ 40°C



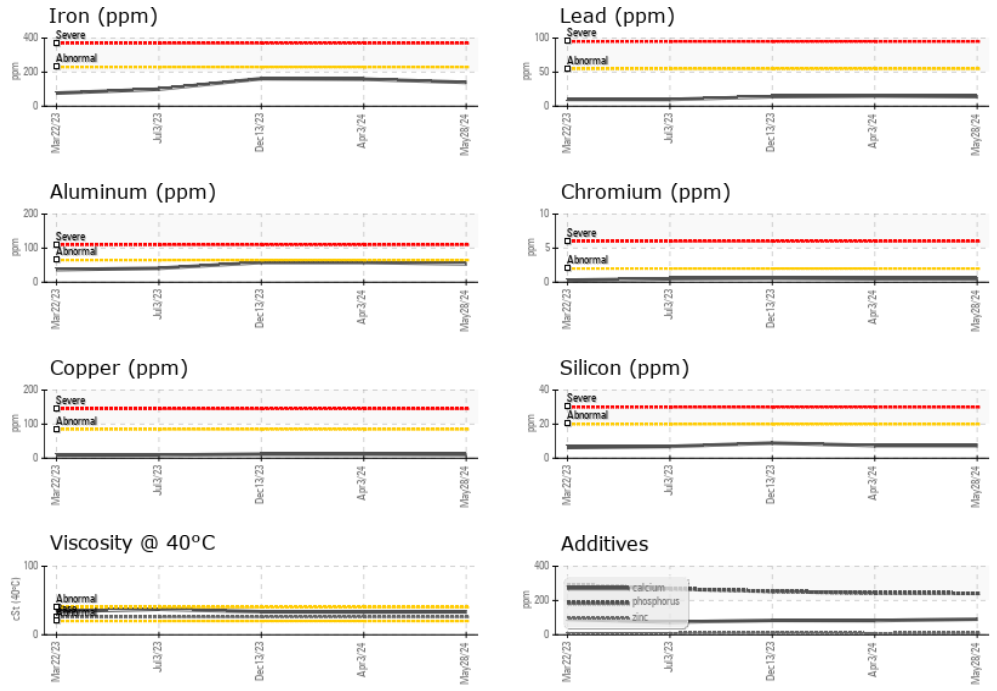
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	33.5	33.2	33.6

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113521 **Received** : 10 Jun 2024
Lab Number : **02640810** **Tested** : 10 Jun 2024
Unique Number : 5789972 **Diagnosed** : 10 Jun 2024 - Kevin Marson
Test Package : MOB 1

Matrec - 791 - Rimouski
 350 Avenue de L'Industrie
 Rimouski, QC
 CA G5M 1W4
 Contact: Daniel Cloutier
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 T: (418)724-6447 poste 4142
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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.