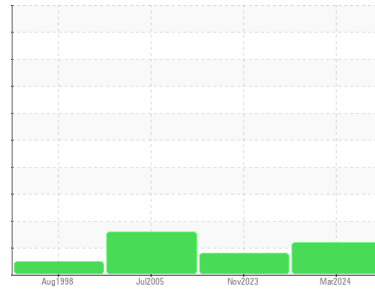




# OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id  
**3129-TR (S/N CH. ELEVATEUR)**

Component  
**Transmission (Auto)**

Fluid  
**ESSO ATF DEXRON III/MERCON (220 LTR)**

## DIAGNOSIS

### Recommendation

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

### Wear

Les taux d'usure de tous les composants sont normaux.

### Contamination

Il y a une quantité modérée de particules (de 4 à 14 microns) dans le fluide. La teneur en eau est négligeable.

### Fluid Condition

Le AN est acceptable pour ce fluide. le fluide peut encore servir si la contamination peut être réduite à un niveau acceptable.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0901048</b>	WC0858543	WC22040656
Sample Date	Client Info		<b>06 Mar 2024</b>	20 Nov 2023	25 Jul 2005
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	200
Oil Changed	Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status			<b>ABNORMAL</b>	ATTENTION	ABNORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	<b>30</b>	33	9
Chromium	ppm	ASTM D5185(m) >5	<b>0</b>	0	▲ 13
Nickel	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m) >50	<b>2</b>	2	2
Lead	ppm	ASTM D5185(m) >50	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m) >225	<b>2</b>	2	2
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	0	0
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>84</b>	66	<1
Barium	ppm	ASTM D5185(m)	<b>0</b>	<1	16
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185(m)	<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	<b>5</b>	7	25
Calcium	ppm	ASTM D5185(m)	<b>88</b>	83	122
Phosphorus	ppm	ASTM D5185(m)	<b>219</b>	205	333
Zinc	ppm	ASTM D5185(m) 0	<b>17</b>	25	445
Sulfur	ppm	ASTM D5185(m)	<b>808</b>	742	903
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

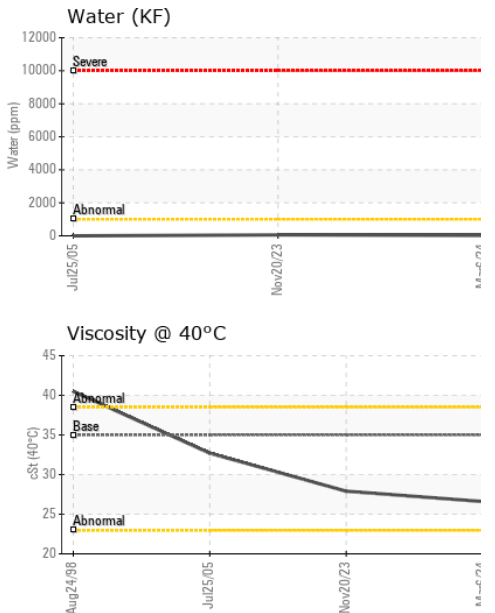
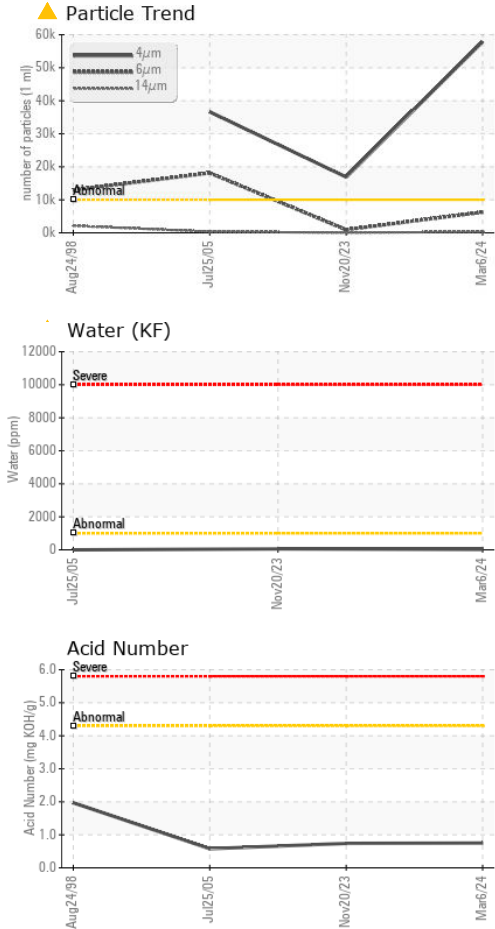
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>15</b>	17	2
Sodium	ppm	ASTM D5185(m)	<b>10</b>	14	6
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	<1	1
Water	%	ASTM D6304* >0.1	<b>0.002</b>	0.005	0.016
ppm Water	ppm	ASTM D6304* >1000	<b>22</b>	57	---

## FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	▲ <b>57852</b>	● 16879	36638
Particles >6µm	ASTM D7647	>2500	▲ <b>6249</b>	921	▲ 18130
Particles >14µm	ASTM D7647	>320	<b>291</b>	31	▲ 335
Particles >21µm	ASTM D7647	>80	<b>72</b>	7	85
Particles >38µm	ASTM D7647	>20	<b>4</b>	1	6
Particles >71µm	ASTM D7647	>4	<b>1</b>	0	0
Oil Cleanliness	ISO 4406 (c)	>20/18/15	▲ <b>23/20/15</b>	● 21/17/12	▲ 22/21/16

# OIL ANALYSIS REPORT



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0901048 **Received** : 11 Mar 2024  
**Lab Number** : **02621141** **Tested** : 12 Mar 2024  
**Unique Number** : 5746260 **Diagnosed** : 13 Mar 2024 - Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KF, 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.

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.75</b>	0.74	0.578
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar	Visual*		<b>NEG</b>	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	35	<b>26.6</b>	27.9	32.7

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

