

OIL ANALYSIS REPORT

Sample Rating Trend

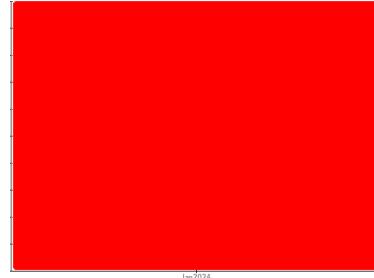
GLYCOL

Area
[6100248694]

Machine Id
6610145801

Component
Transmission

Fluid
{not provided} (--- GAL)



DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir le fluide. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Wear

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

Contamination

Le test de glycol est positif. Concentration élevée de glycol dans le fluide.

Fluid Condition

Le AN est acceptable pour ce fluide. le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0019947	---	---
Sample Date	Client Info		10 Jan 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>130	22	---	---
Iron	ppm	ASTM D5185(m)	>250 1258	---	---
Chromium	ppm	ASTM D5185(m)	>2 2	---	---
Nickel	ppm	ASTM D5185(m)	>2 1	---	---
Titanium	ppm	ASTM D5185(m)	>2 0	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m)	>55 29	---	---
Lead	ppm	ASTM D5185(m)	>65 46	---	---
Copper	ppm	ASTM D5185(m)	>230 29	---	---
Tin	ppm	ASTM D5185(m)	>6 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)	37	---	---
Barium	ppm	ASTM D5185(m)	0	---	---
Molybdenum	ppm	ASTM D5185(m)	3	---	---
Manganese	ppm	ASTM D5185(m)	5	---	---
Magnesium	ppm	ASTM D5185(m)	7	---	---
Calcium	ppm	ASTM D5185(m)	27	---	---
Phosphorus	ppm	ASTM D5185(m)	210	---	---
Zinc	ppm	ASTM D5185(m)	96	---	---
Sulfur	ppm	ASTM D5185(m)	1197	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

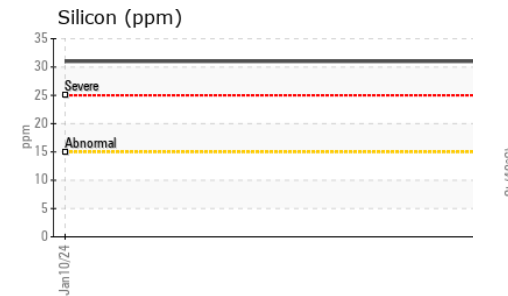
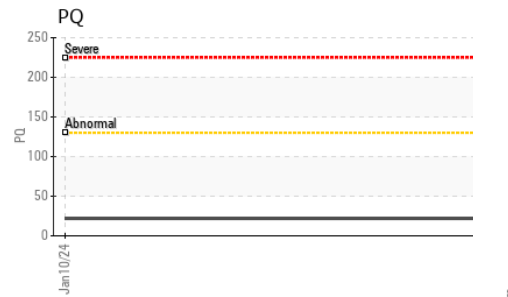
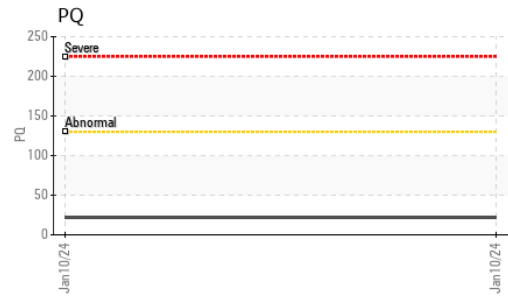
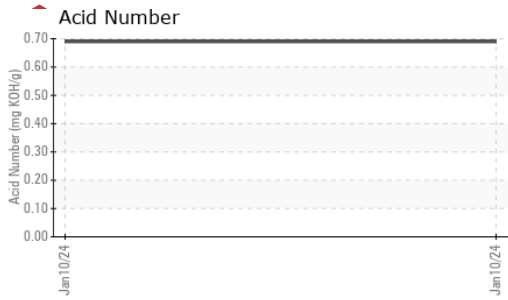
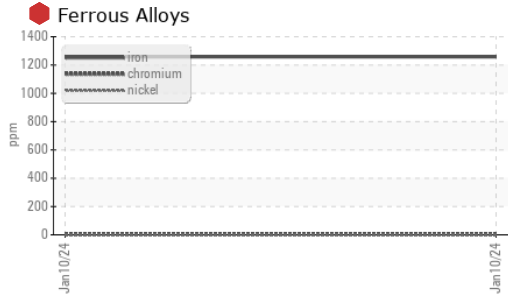
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15 31	---	---
Sodium	ppm	ASTM D5185(m)	47	---	---
Potassium	ppm	ASTM D5185(m)	>20 71	---	---
Glycol	%	ASTM D7922*	0.437	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.69	---	---

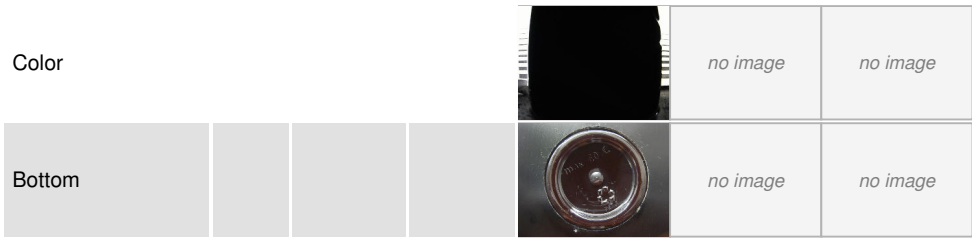
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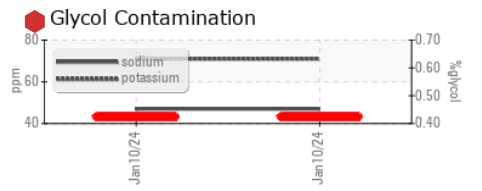
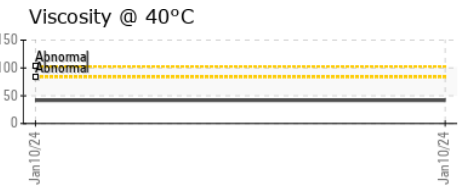
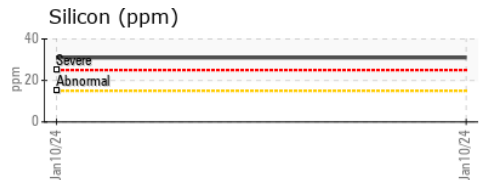
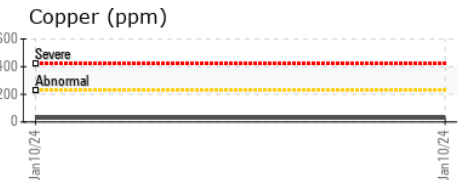
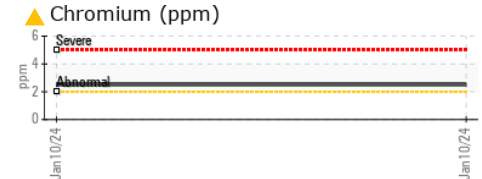
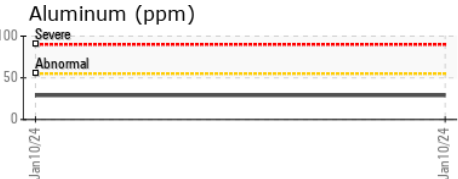
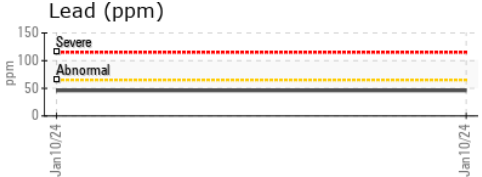
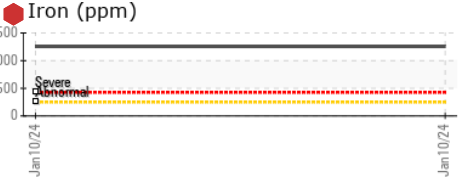
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	41.8	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0019947 **Received** : 11 Jan 2024
Lab Number : 02608246 **Diagnosed** : 16 Jan 2024
Unique Number : 5709332 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: Glycol, PQ)

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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.