

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area
[6100244782]
Machine Id
3110121410
Component
Transmission
Fluid
SAE 15W40 (--- GAL)



DIAGNOSIS

Recommendation
Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear
Le taux de nickel est anormal.

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

Fluid Condition
La viscosité de le fluide est inférieure à la viscosité type, ce qui pourrait indiquer l'ajout d'un grade d'huile plus léger. 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	WA0021069	---	---
Sample Date	Client Info	09 Jan 2024	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

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	0	---	---
Iron	ppm ASTM D5185(m) >250	6	---	---
Chromium	ppm ASTM D5185(m) >2	0	---	---
Nickel	ppm ASTM D5185(m) >2	▲ 3	---	---
Titanium	ppm ASTM D5185(m) >2	0	---	---
Silver	ppm ASTM D5185(m)	<1	---	---
Aluminum	ppm ASTM D5185(m) >55	3	---	---
Lead	ppm ASTM D5185(m) >65	5	---	---
Copper	ppm ASTM D5185(m) >230	190	---	---
Tin	ppm ASTM D5185(m) >6	0	---	---
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)	4	---	---
Barium	ppm ASTM D5185(m)	0	---	---
Molybdenum	ppm ASTM D5185(m)	0	---	---
Manganese	ppm ASTM D5185(m)	0	---	---
Magnesium	ppm ASTM D5185(m)	15	---	---
Calcium	ppm ASTM D5185(m)	2241	---	---
Phosphorus	ppm ASTM D5185(m)	987	---	---
Zinc	ppm ASTM D5185(m)	1053	---	---
Sulfur	ppm ASTM D5185(m)	3485	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

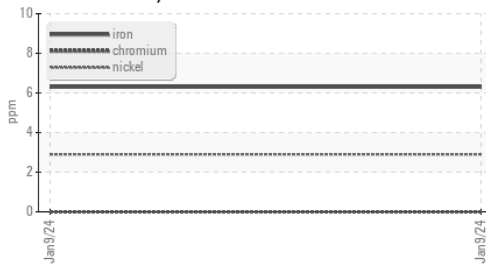
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >15	7	---	---
Sodium	ppm ASTM D5185(m) >57	3	---	---
Potassium	ppm ASTM D5185(m) >20	4	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974*	1.55	---	---

OIL ANALYSIS REPORT

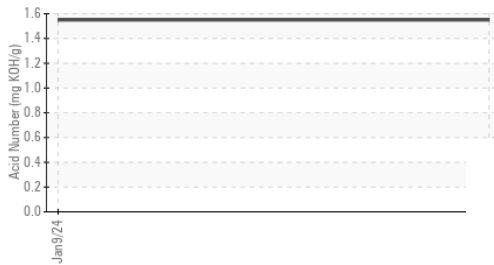
▲ Ferrous Alloys



PQ



Acid Number



PQ



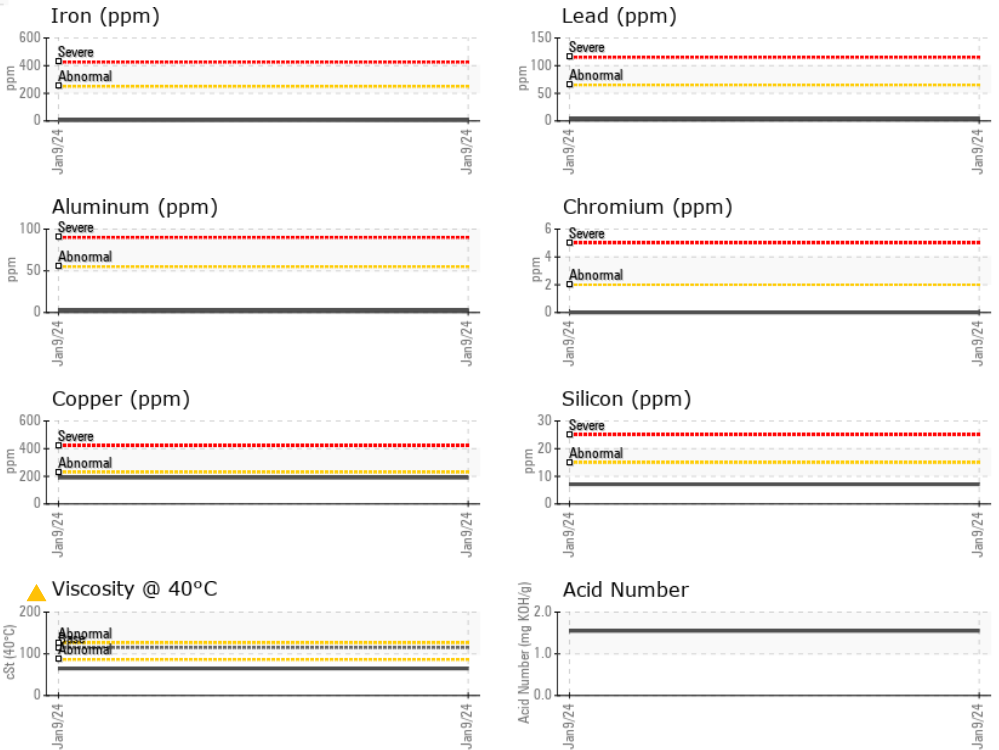
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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)	115 ▲ 64.8	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021069 **Received** : 11 Jan 2024
Lab Number : **02608244** **Diagnosed** : 16 Jan 2024
Unique Number : 5709330 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: PQ)

AGNICO EAGLE
 10200 RTE PREISSAC
 ROUYN-NORANDA, QC
 CA J0Y 1C0
 Contact: Service Manager

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.

T:
F: