



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
CAPLAN
 Machine Id
#427150
 Component
Rear Rear Differential
 Fluid
GEAR OIL SAE 80W90 (15 LTR)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer.

Wear

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

Contamination

Il n'y a aucun indice de contamination dans l'huile.

Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0091132	---	---
Sample Date	Client Info		21 Dec 2023	---	---
Machine Age	hrs	Client Info	25794	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	318	---	---
Chromium	ppm	ASTM D5185(m) >10	1	---	---
Nickel	ppm	ASTM D5185(m) >10	1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m) >25	4	---	---
Lead	ppm	ASTM D5185(m) >25	<1	---	---
Copper	ppm	ASTM D5185(m) >100	25	---	---
Tin	ppm	ASTM D5185(m) >10	<1	---	---
Antimony	ppm	ASTM D5185(m) >5	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

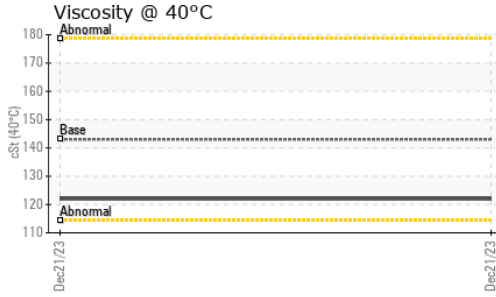
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 400	151	---	---
Barium	ppm	ASTM D5185(m) 200	2	---	---
Molybdenum	ppm	ASTM D5185(m) 12	<1	---	---
Manganese	ppm	ASTM D5185(m)	8	---	---
Magnesium	ppm	ASTM D5185(m) 12	4	---	---
Calcium	ppm	ASTM D5185(m) 150	43	---	---
Phosphorus	ppm	ASTM D5185(m) 1650	1146	---	---
Zinc	ppm	ASTM D5185(m) 125	61	---	---
Sulfur	ppm	ASTM D5185(m) 22500	20266	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	30	---	---
Sodium	ppm	ASTM D5185(m) >170	13	---	---
Potassium	ppm	ASTM D5185(m) >20	9	---	---



OIL ANALYSIS REPORT



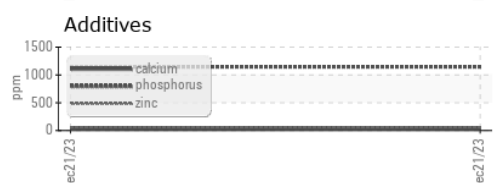
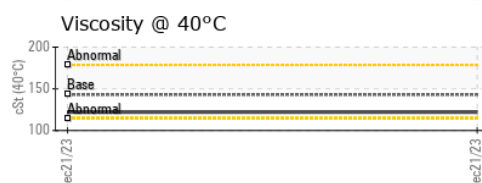
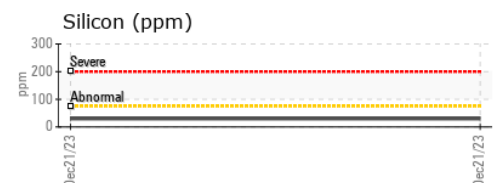
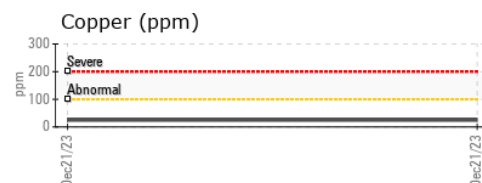
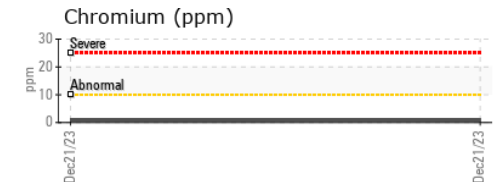
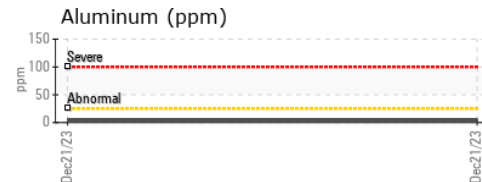
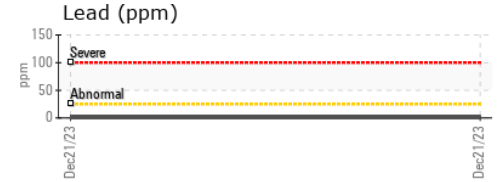
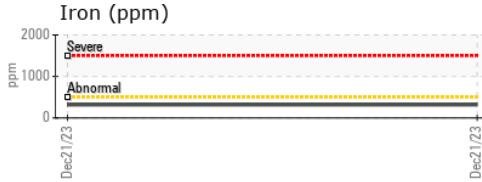
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	---	---
Precipitate	scalar	Visual*	NONE	---	---
Silt	scalar	Visual*	NONE	---	---
Debris	scalar	Visual*	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	---	---
Appearance	scalar	Visual*	NORML	---	---
Odor	scalar	Visual*	NORML	---	---
Emulsified Water	scalar	Visual*	>.2	---	---
Free Water	scalar	Visual*	---	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	143	122	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0091132 **Received** : 27 Dec 2023
Lab Number : 02605436 **Diagnosed** : 28 Dec 2023
Unique Number : 5698521 **Diagnostician** : Wes Davis
Test Package : MOB 1

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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