



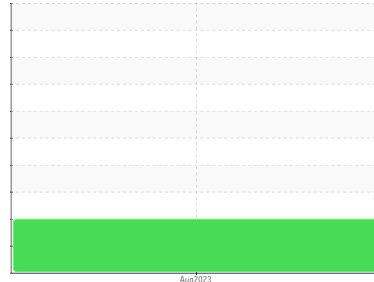
OIL ANALYSIS REPORT

Sample Rating Trend

ISO



Machine Id
713069
Component
Hydraulic System
Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Wear

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

Contamination

Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile.

Fluid Condition

l'huile 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	GFL0084448	---	---
Sample Date	Client Info	10 Aug 2023	---	---
Machine Age	kms Client Info	9786	---	---
Oil Age	kms Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		SEVERE	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185(m) >20	5	---	---
Chromium ppm	ASTM D5185(m) >10	0	---	---
Nickel ppm	ASTM D5185(m) >10	<1	---	---
Titanium ppm	ASTM D5185(m)	0	---	---
Silver ppm	ASTM D5185(m)	0	---	---
Aluminum ppm	ASTM D5185(m) >10	<1	---	---
Lead ppm	ASTM D5185(m) >10	0	---	---
Copper ppm	ASTM D5185(m) >75	<1	---	---
Tin ppm	ASTM D5185(m) >10	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)	<1	---	---
Barium ppm	ASTM D5185(m)	0	---	---
Molybdenum ppm	ASTM D5185(m)	0	---	---
Manganese ppm	ASTM D5185(m)	0	---	---
Magnesium ppm	ASTM D5185(m)	2	---	---
Calcium ppm	ASTM D5185(m)	498	---	---
Phosphorus ppm	ASTM D5185(m)	235	---	---
Zinc ppm	ASTM D5185(m)	130	---	---
Sulfur ppm	ASTM D5185(m)	982	---	---
Lithium ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

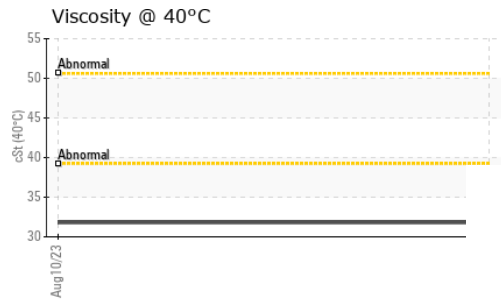
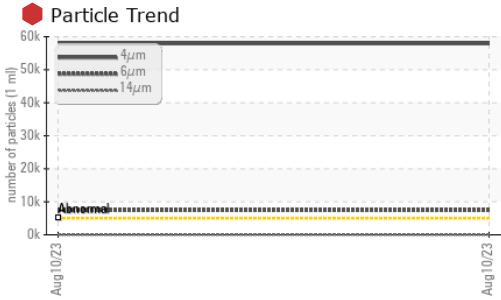
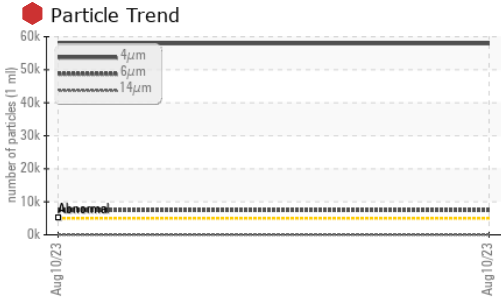
method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m) >20	<1	---	---
Sodium ppm	ASTM D5185(m)	1	---	---
Potassium ppm	ASTM D5185(m) >20	<1	---	---

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >5000	57914	---	---
Particles >6µm	ASTM D7647 >1300	7455	---	---
Particles >14µm	ASTM D7647 >160	66	---	---
Particles >21µm	ASTM D7647 >40	14	---	---
Particles >38µm	ASTM D7647 >10	0	---	---
Particles >71µm	ASTM D7647 >3	0	---	---
Oil Cleanliness	ISO 4406 (c) >19/17/14	23/20/13	---	---



OIL ANALYSIS REPORT



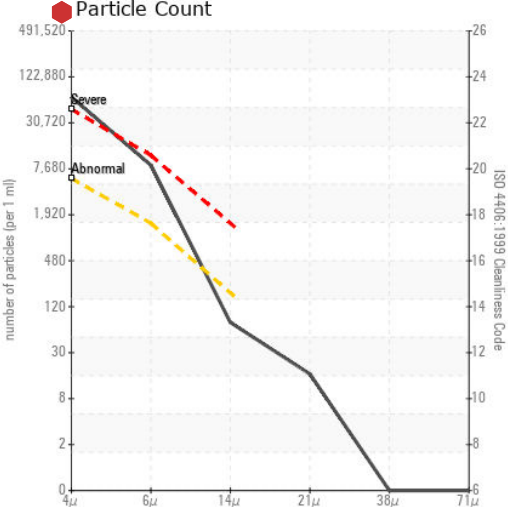
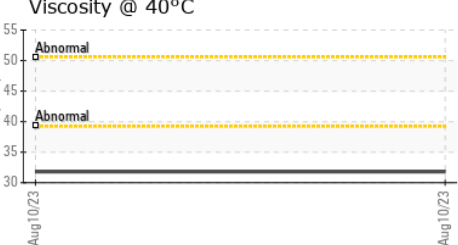
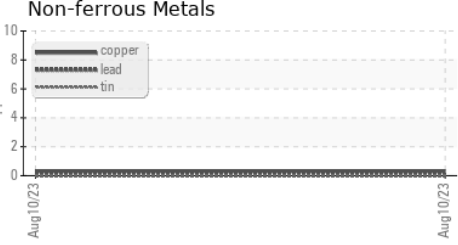
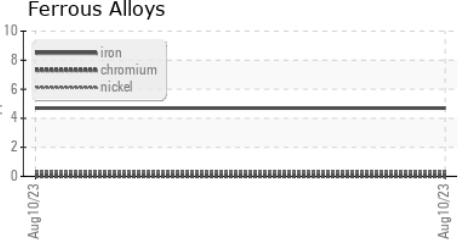
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
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)	31.8	---	---

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 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0084448 **Received** : 11 Aug 2023 4365 boul. St-Elzear Ouest, Laval, QC
Lab Number : 02575392 **Diagnosed** : 14 Aug 2023 CA H7P 4J3
Unique Number : 5620443 **Diagnostician** : Kevin Marson Contact: Louis Michaud
Test Package : MOB 1 (Additional Tests: PrtCount) louis.michaud@gflenv.com

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.