



Machine Id
827083
 Component
Hydraulic System
 Fluid
{not provided} (--- LTR)

RECOMMENDATION

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. 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. 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.

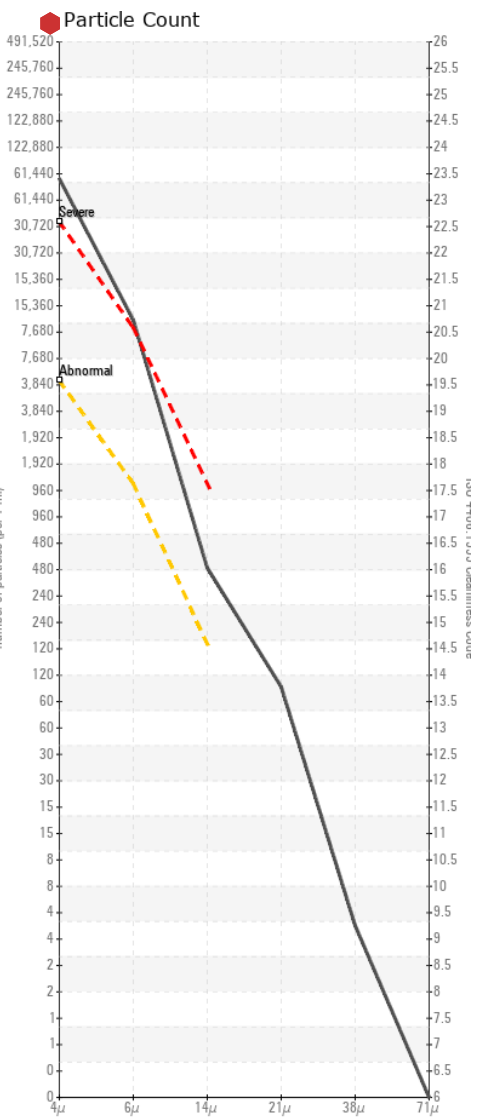
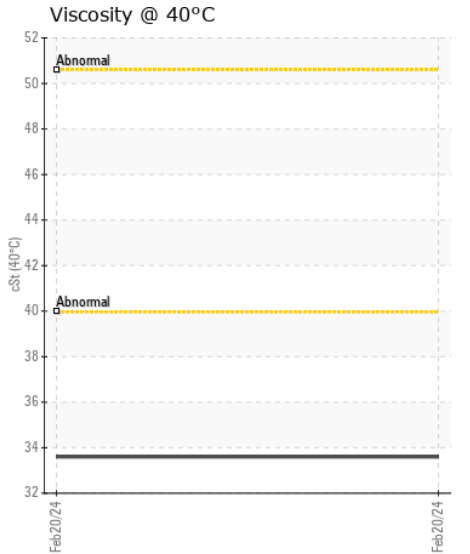
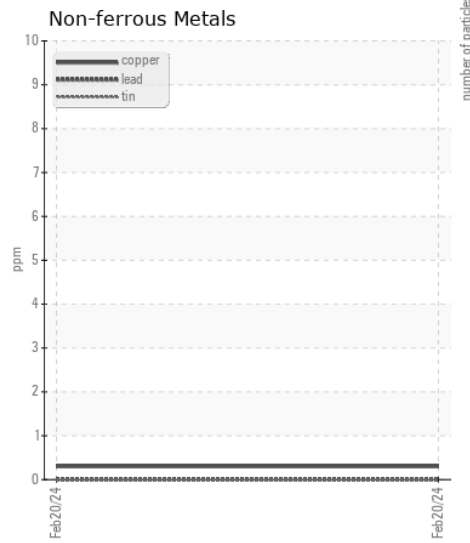
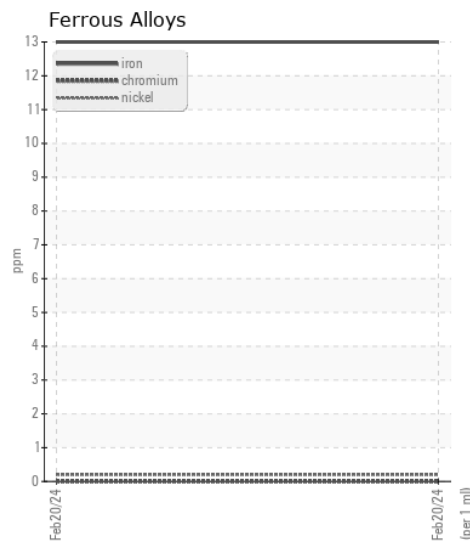
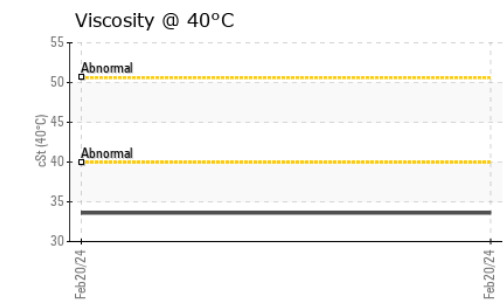
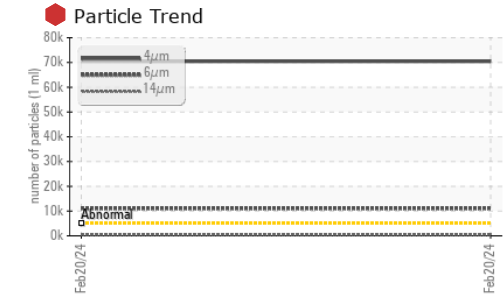
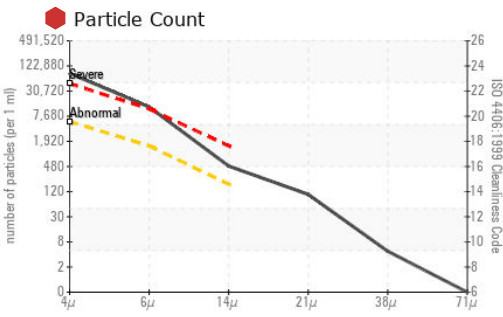
CONTAMINATION

Il y a une quantité élevée de matières particulaires (2 à 100 µm de taille) présente dans l'huile.

FLUID CONDITION

L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0079058	---	---
Sample Date		Client Info		20 Feb 2024	---	---
Machine Age	kms	Client Info		344609	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185(m)	>20	13	---	---
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	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	7	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>0.1	NEG	---	---
Particles >4µm		ASTM D7647	>5000	70429	---	---
Particles >6µm		ASTM D7647	>1300	11073	---	---
Particles >14µm		ASTM D7647	>160	432	---	---
Particles >21µm		ASTM D7647	>40	91	---	---
Particles >38µm		ASTM D7647	>10	4	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	23/21/16	---	---
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	---	---
Sodium	ppm	ASTM D5185(m)		1	---	---
Boron	ppm	ASTM D5185(m)		11	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		<1	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		19	---	---
Calcium	ppm	ASTM D5185(m)		98	---	---
Phosphorus	ppm	ASTM D5185(m)		398	---	---
Zinc	ppm	ASTM D5185(m)		432	---	---
Sulfur	ppm	ASTM D5185(m)		1565	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		33.6	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0079058 **Received** : 22 Feb 2024
Lab Number : 02617431 **Tested** : 23 Feb 2024
Unique Number : 5734541 **Diagnosed** : 23 Feb 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: PrtCount)

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.

Matrec - 791 - Rimouski
 350 Avenue de L'Industrie
 Rimouski, QC
 CA G5M 1W4
 Contact: Daniel Cloutier
 dacloutier@gflenv.com
 T: (418)724-6447 poste 4142
 F: (418)388-2038