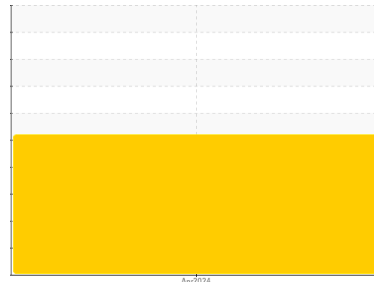




PROBLEM SUMMARY

Sample Rating Trend

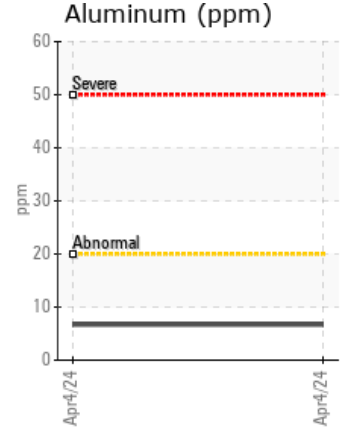
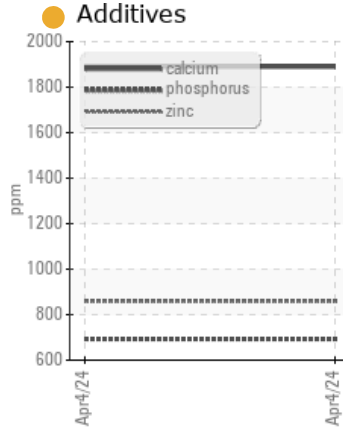
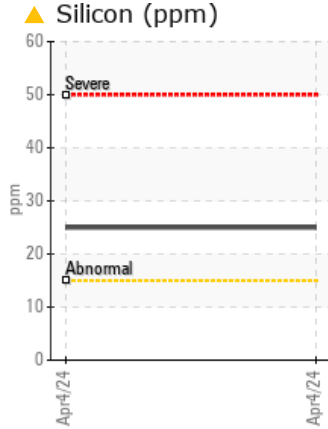
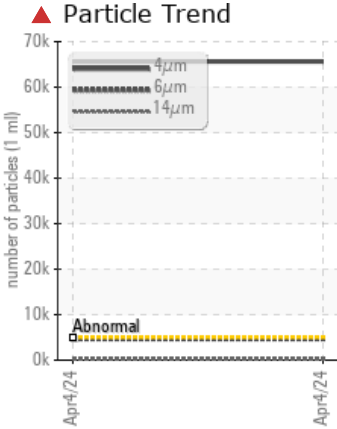


DIRT



Area
Garage
 Machine Id
Lift 3187
 Component
Hydraulic System
 Fluid
ESSO HYDRAUL EXTRA (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. 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 dessiccant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Silicon	ppm	ASTM D5185(m)	>15	▲ 25	---	---
Particles >4µm		ASTM D7647	>5000	▲ 65620	---	---
Particles >6µm		ASTM D7647	>1300	▲ 4642	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 23/19/15	---	---

Customer Id: ALCBAI
 Sample No.: WC0915598
 Lab Number: 02627334
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

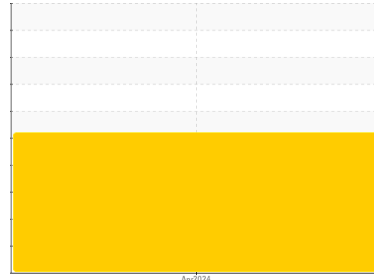
Action	Status	Date	Done By	Description
Change Filter	---	---	?	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid.
Resample	---	---	?	Resample in 30-45 days to monitor this situation.
Information Required	---	---	?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.
Check Breathers	---	---	?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Dirt Access	---	---	?	We advise that you check all areas where dirt can enter the system.
Check Fluid Source	---	---	?	Confirm the source of the lubricant being utilized for top-up/fill.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.
Filter Fluid	---	---	?	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Area

Garage

Machine Id
Lift 3187

Component
Hydraulic System

Fluid
ESSO HYDRAUL EXTRA (--- GAL)

DIAGNOSIS

▲ Recommendation

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. 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 vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

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. Concentration modérée de saleté dans l'huile. La teneur en eau est négligeable.

● Fluid Condition

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. Le AN est acceptable pour ce fluide.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0915598	---	---
Sample Date	Client Info	04 Apr 2024	---	---
Machine Age	hrs Client Info	1669	---	---
Oil Age	hrs Client Info	1669	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		SEVERE	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>20	7	---	---
Chromium ppm ASTM D5185(m)	>20	11	---	---
Nickel ppm ASTM D5185(m)	>20	0	---	---
Titanium ppm ASTM D5185(m)		0	---	---
Silver ppm ASTM D5185(m)		0	---	---
Aluminum ppm ASTM D5185(m)	>20	7	---	---
Lead ppm ASTM D5185(m)	>20	0	---	---
Copper ppm ASTM D5185(m)	>20	<1	---	---
Tin ppm ASTM D5185(m)	>20	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)		2	---	---
Barium ppm ASTM D5185(m)		<1	---	---
Molybdenum ppm ASTM D5185(m)		<1	---	---
Manganese ppm ASTM D5185(m)		0	---	---
Magnesium ppm ASTM D5185(m)		22	---	---
Calcium ppm ASTM D5185(m)		● 1890	---	---
Phosphorus ppm ASTM D5185(m)		● 693	---	---
Zinc ppm ASTM D5185(m)		● 859	---	---
Sulfur ppm ASTM D5185(m)		3016	---	---
Lithium ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

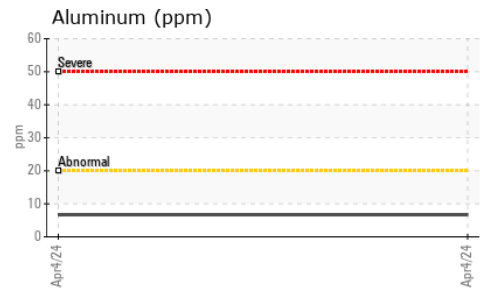
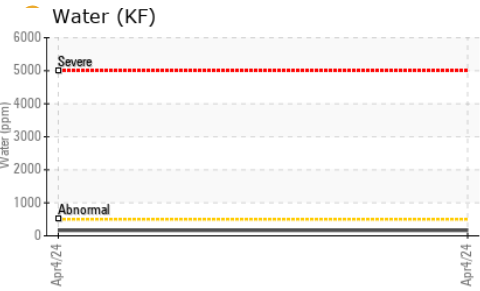
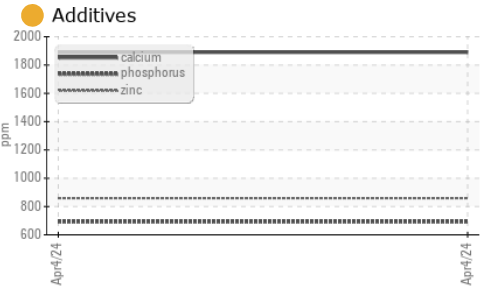
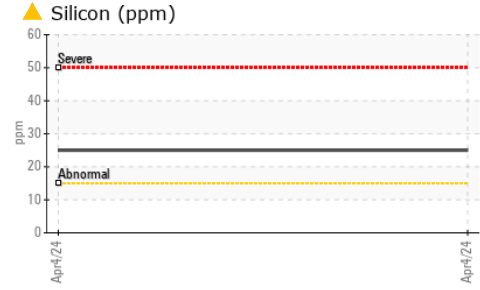
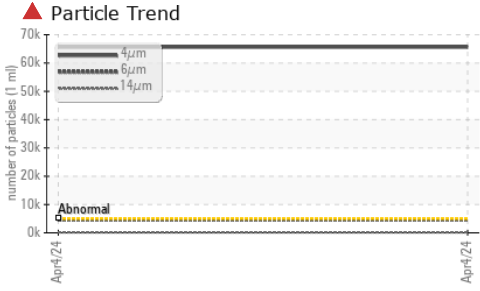
method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>15	▲ 25	---	---
Sodium ppm ASTM D5185(m)		3	---	---
Potassium ppm ASTM D5185(m)	>20	<1	---	---
Water % ASTM D6304*	>0.05	0.016	---	---
ppm Water ppm ASTM D6304*	>500	165	---	---

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm ASTM D7647	>5000	▲ 65620	---	---
Particles >6µm ASTM D7647	>1300	▲ 4642	---	---
Particles >14µm ASTM D7647	>160	● 170	---	---
Particles >21µm ASTM D7647	>40	44	---	---
Particles >38µm ASTM D7647	>10	6	---	---
Particles >71µm ASTM D7647	>3	1	---	---
Oil Cleanliness ISO 4406 (c)	>19/17/14	▲ 23/19/15	---	---



OIL ANALYSIS REPORT



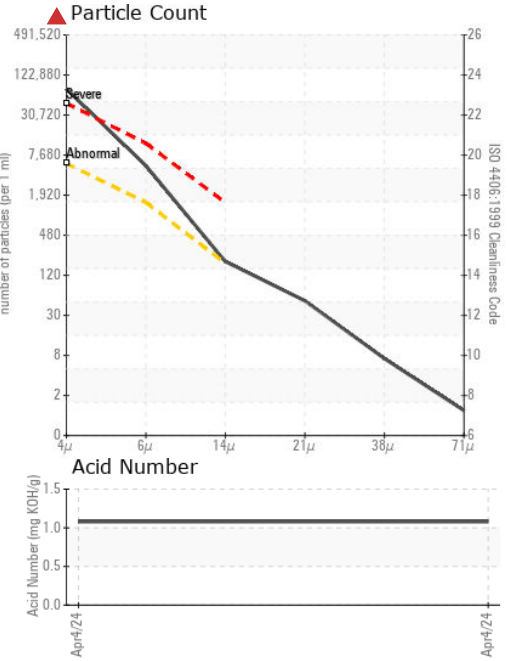
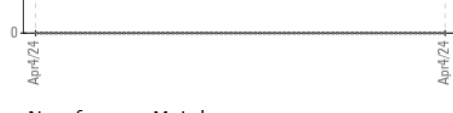
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		1.08	---	---

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	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.05	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	43	40.4	---	---

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. : WC0915598 **Received** : 08 Apr 2024
Lab Number : **02627334** **Tested** : 10 Apr 2024
Unique Number : 5760466 **Diagnosed** : 10 Apr 2024 - Kevin Marson
Test Package : IND 2 (Additional Tests: KF)

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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