

Area
CARQUEST ST-HYACINTHE
Machine Id
PLAFOLIFT JLG

Component
Gasoline Engine
Fluid
{not provided} (--- GAL)



DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vérifier le filtre à air, le système d'induction d'air et tout endroit où la saleté peut entrer dans le composant. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Wear

Usure de papier.

Contamination

Le test de glycol est positif. Quantité modérée de carburant dans l'huile. Il y a une légère concentration de glycol dans l'huile. Concentration modérée de saleté dans l'huile. Les tests confirment la présence de carburant dans l'huile. Une grande quantité de saleté a provoqué une usure abrasive du composant.

Fluid Condition

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Il y a du carburant dans l'huile, ce qui réduit la viscosité. Le AN est acceptable pour ce fluide. l'huile 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	ASF0000390	---	---
Sample Date	Client Info	10 Dec 2023	---	---
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 >0.2	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >150	49	---	---
Chromium	ppm ASTM D5185(m) >20	1	---	---
Nickel	ppm ASTM D5185(m) >5	<1	---	---
Titanium	ppm ASTM D5185(m)	0	---	---
Silver	ppm ASTM D5185(m) >2	<1	---	---
Aluminum	ppm ASTM D5185(m) >40	3	---	---
Lead	ppm ASTM D5185(m) >50	▲ 81	---	---
Copper	ppm ASTM D5185(m) >155	15	---	---
Tin	ppm ASTM D5185(m) >10	8	---	---
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)	22	---	---
Barium	ppm ASTM D5185(m)	<1	---	---
Molybdenum	ppm ASTM D5185(m)	53	---	---
Manganese	ppm ASTM D5185(m)	2	---	---
Magnesium	ppm ASTM D5185(m)	662	---	---
Calcium	ppm ASTM D5185(m)	959	---	---
Phosphorus	ppm ASTM D5185(m)	831	---	---
Zinc	ppm ASTM D5185(m)	950	---	---
Sulfur	ppm ASTM D5185(m)	2319	---	---
Lithium	ppm ASTM D5185(m)	13	---	---

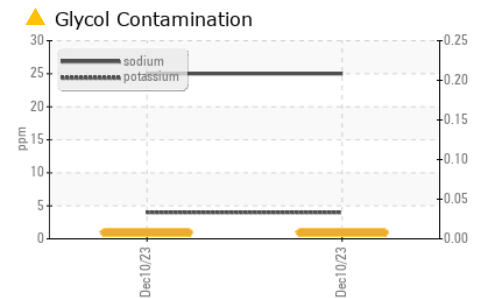
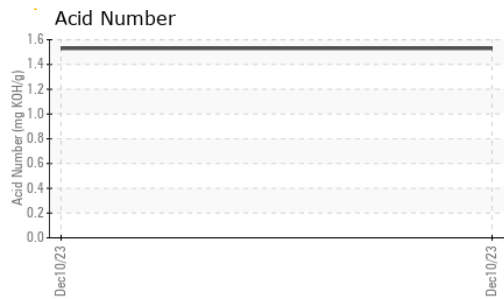
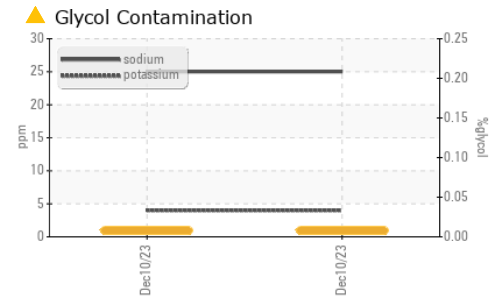
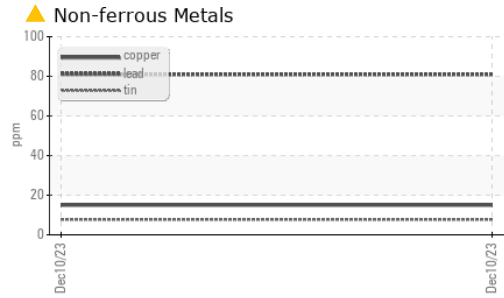
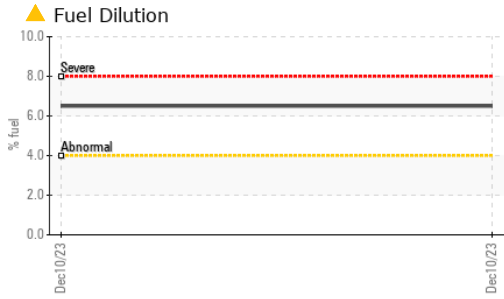
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >30	▲ 90	---	---
Sodium	ppm ASTM D5185(m) >400	▲ 25	---	---
Potassium	ppm ASTM D5185(m) >20	4	---	---
Fuel	% ASTM D7593* >4.0	▲ 6.5	---	---
Glycol	% ASTM D7922*	▲ 0.012	---	---

INFRA-RED

method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	0	---	---
Nitration	Abs/cm ASTM D7624* >20	5.8	---	---
Sulfation	Abs./1mm ASTM D7415* >30	16.7	---	---

OIL ANALYSIS REPORT

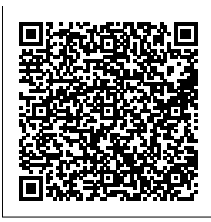
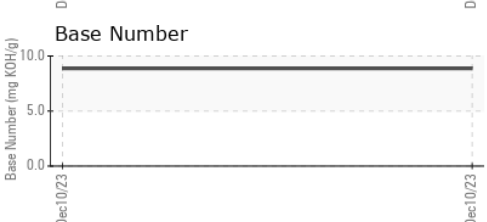
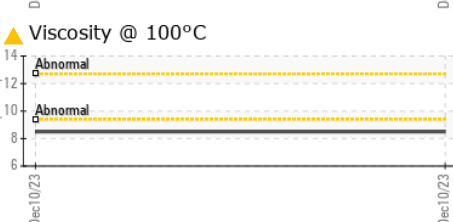
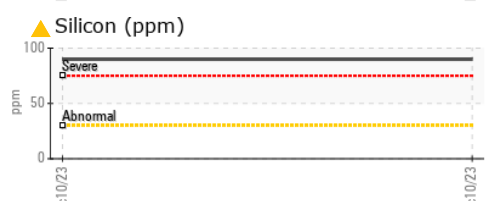
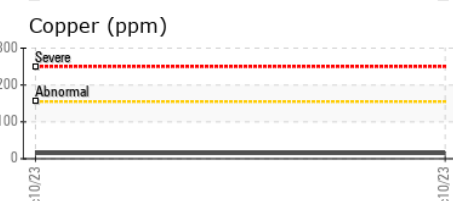
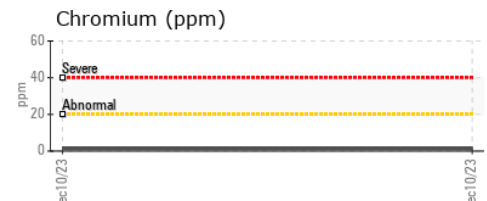
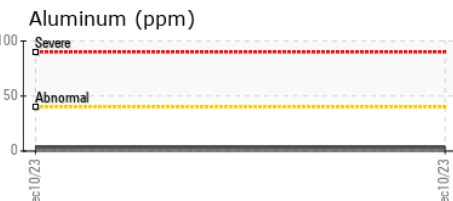
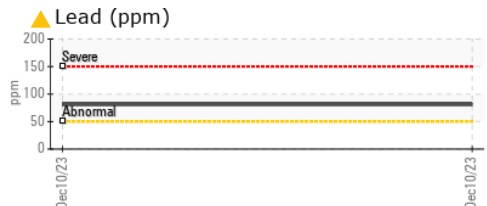
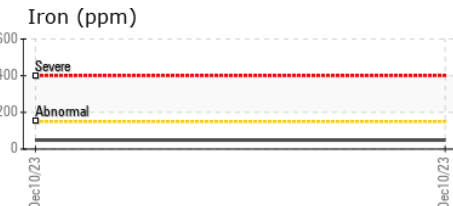


FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	12.0	---
Acid Number (AN)	mg KOH/g	ASTM D974*		1.53	---
Base Number (BN)	mg KOH/g	ASTM D2896*		8.87	---
i-pH	Scale 0-14	ASTM D7946*	<4.5	6.69	---

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*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	8.5	---	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF0000390 **Received** : 15 Dec 2023
Lab Number : **02603451** **Diagnosed** : 02 Jan 2024
Unique Number : 5696536 **Diagnostician** : Bill Quesnel
Test Package : MOB 2 (Additional Tests: FUELDILUTION, Glycol, i-pH, PercentFuel, TAN Auto, TAN Man)

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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.