

Machine Id  
**PIERCE 807 (S/N 4P1BAAGF1EA014651)**  
Component  
**Transmission (Auto)**  
Fluid  
**HERCULINE SYNTHETIC ATF (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0117718	---	---
Sample Date		Client Info		17 Apr 2024	---	---
Machine Age	mls	Client Info		39843	---	---
Oil Age	mls	Client Info		3783	---	---
Filter Age	mls	Client Info		3783	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	16	---	---
Chromium	ppm	ASTM D5185m	>5	<1	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>50	4	---	---
Lead	ppm	ASTM D5185m	>50	2	---	---
Copper	ppm	ASTM D5185m	>225	8	---	---
Tin	ppm	ASTM D5185m	>10	2	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

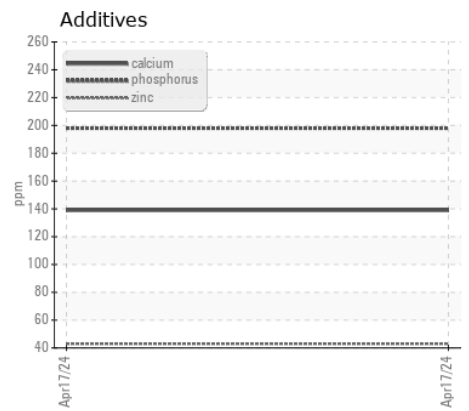
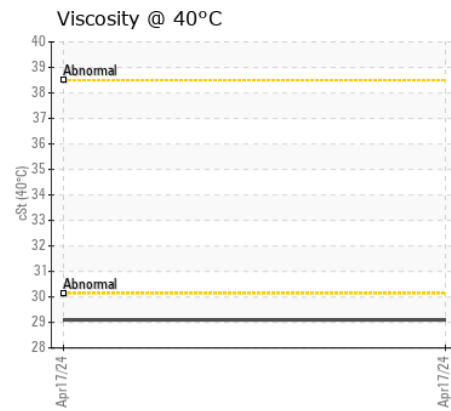
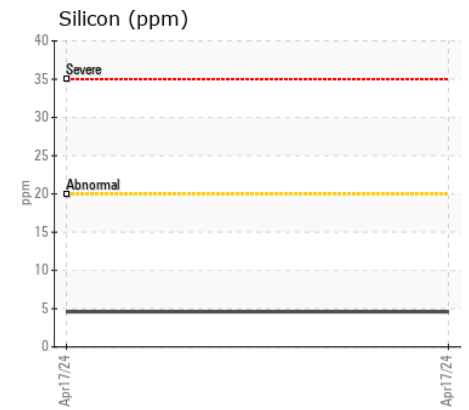
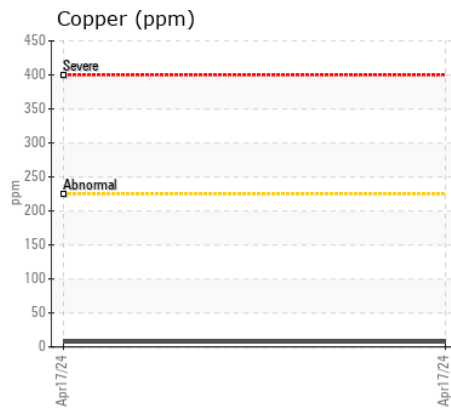
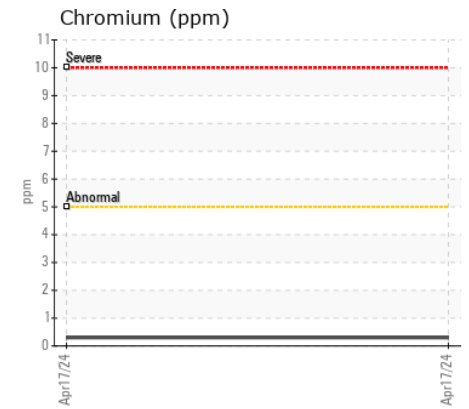
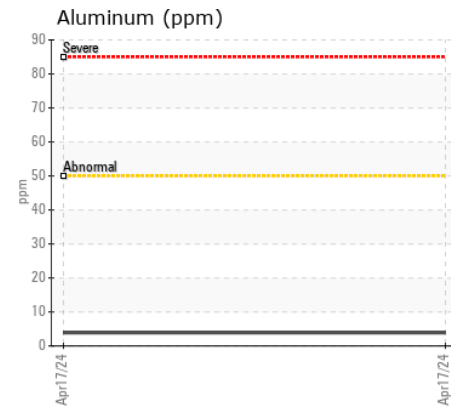
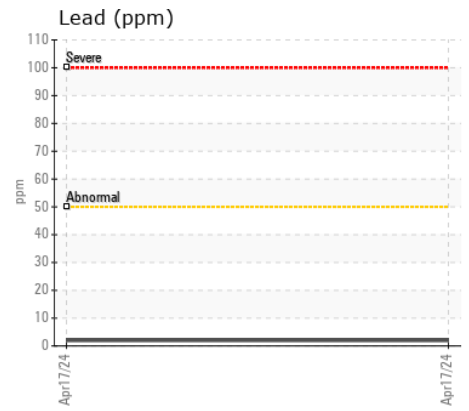
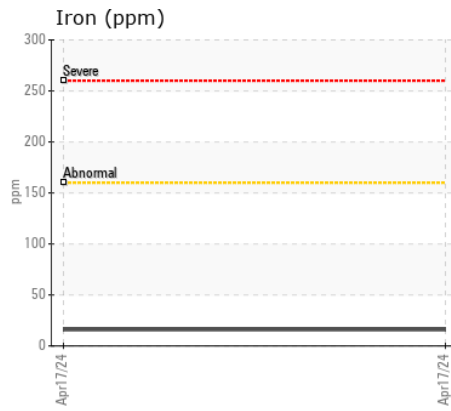
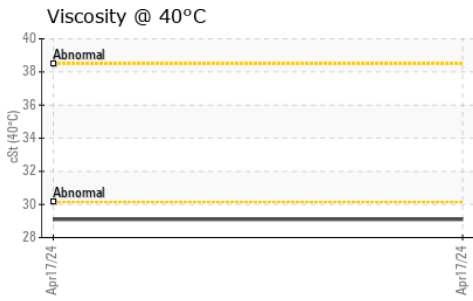
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	5	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.1	NEG	---	---
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	---	---

**FLUID CONDITION**

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		3	---	---
Boron	ppm	ASTM D5185m		67	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		8	---	---
Calcium	ppm	ASTM D5185m		139	---	---
Phosphorus	ppm	ASTM D5185m		198	---	---
Zinc	ppm	ASTM D5185m		43	---	---
Sulfur	ppm	ASTM D5185m		1741	---	---
Visc @ 40°C	cSt	ASTM D445		29.1	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0117718 **Received** : 22 Apr 2024  
**Lab Number** : 06156470 **Tested** : 24 Apr 2024  
**Unique Number** : 10991893 **Diagnosed** : 24 Apr 2024 - Jonathan Hester  
**Test Package** : MOB 1

**VILLAGE OF NORTH RIVERSIDE**  
 2345 S DESPLAINES  
 NORTH RIVERSIDE, IL  
 US 60546  
 Contact: Service Manager  
 vznrpdw@gmail.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
F: