



Machine Id
7953
 Component
Tandem
 Fluid
GEAR OIL SAE 75W140 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

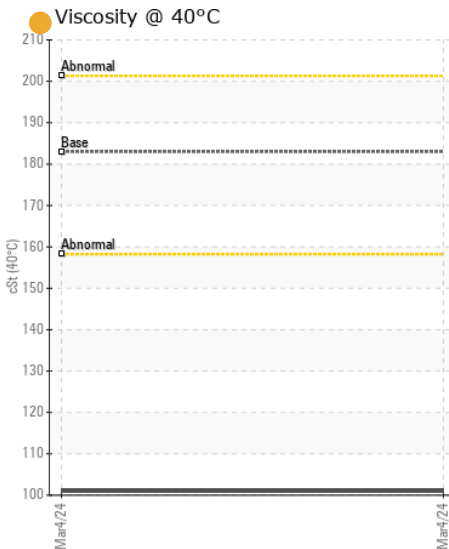
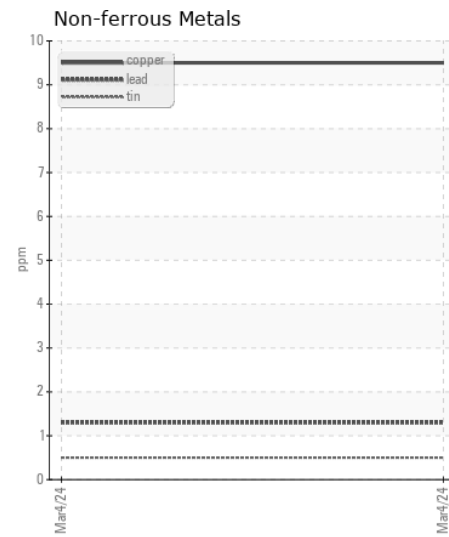
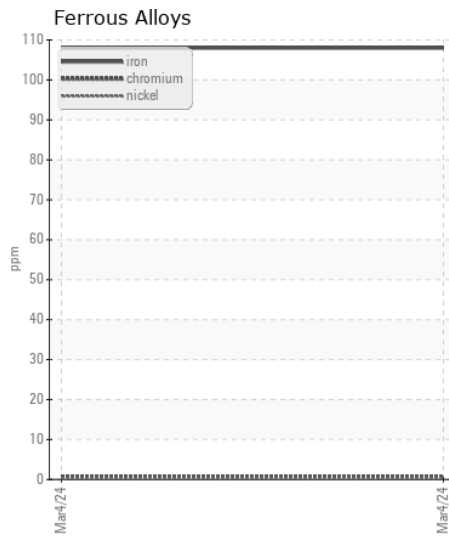
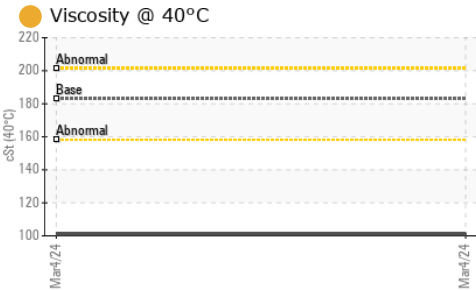
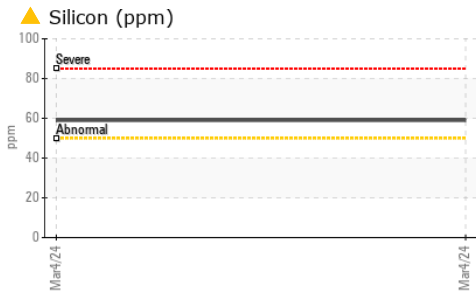
CONTAMINATION

Elemental level of silicon (Si) above normal.

FLUID CONDITION

The oil viscosity is lower than normal.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0118942	---	---
Sample Date		Client Info		04 Mar 2024	---	---
Machine Age	mls	Client Info		934600	---	---
Oil Age	mls	Client Info		0	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		Not Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>425	108	---	---
Chromium	ppm	ASTM D5185m	>5	<1	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>5	2	---	---
Lead	ppm	ASTM D5185m		1	---	---
Copper	ppm	ASTM D5185m	>8	10	---	---
Tin	ppm	ASTM D5185m		<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>50	▲ 59	---	---
Potassium	ppm	ASTM D5185m	>20	11	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185m		28	---	---
Boron	ppm	ASTM D5185m	400	340	---	---
Barium	ppm	ASTM D5185m	200	1	---	---
Molybdenum	ppm	ASTM D5185m	12	0	---	---
Manganese	ppm	ASTM D5185m		11	---	---
Magnesium	ppm	ASTM D5185m	12	<1	---	---
Calcium	ppm	ASTM D5185m	150	17	---	---
Phosphorus	ppm	ASTM D5185m	1650	1527	---	---
Zinc	ppm	ASTM D5185m	125	26	---	---
Sulfur	ppm	ASTM D5185m	22500	26116	---	---
Visc @ 40°C	cSt	ASTM D445	183	● 101	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0118942
Lab Number : 06145474
Unique Number : 10970282
Test Package : FLEET

Received : 10 Apr 2024
Tested : 11 Apr 2024
Diagnosed : 14 Apr 2024 - Don Baldrige

PERDUE FARMS INC - GARAGE
 189 PERDUE WAY
 CANDOR, NC
 US 27229
 Contact: Service Manager

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: