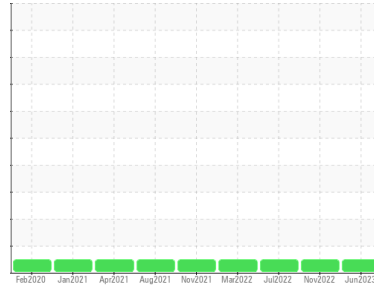


Area
FLEET
Machine Id
26375
Component
1 Differential
Fluid
GEAR OIL SAE 75W90 (--- QTS)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0099911	PCA0084902	PCA0076542
Sample Date	Client Info		04 Jun 2023	20 Nov 2022	31 Jul 2022
Machine Age	mls	Client Info	441977	400188	379245
Oil Age	mls	Client Info	0	400188	379245
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	386	372	385
Chromium	ppm	ASTM D5185m >10	4	4	4
Nickel	ppm	ASTM D5185m >10	3	4	4
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	4	3	2
Lead	ppm	ASTM D5185m >25	8	6	5
Copper	ppm	ASTM D5185m >100	39	40	37
Tin	ppm	ASTM D5185m >10	2	2	2
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	114	213	155
Barium	ppm	ASTM D5185m 200	0	0	0
Molybdenum	ppm	ASTM D5185m 12	0	<1	<1
Manganese	ppm	ASTM D5185m	12	12	11
Magnesium	ppm	ASTM D5185m 12	0	0	0
Calcium	ppm	ASTM D5185m 150	9	8	8
Phosphorus	ppm	ASTM D5185m 1650	1424	1410	1373
Zinc	ppm	ASTM D5185m 125	13	15	4
Sulfur	ppm	ASTM D5185m 22500	27521	28253	25056

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	48	42	41
Sodium	ppm	ASTM D5185m	7	7	6
Potassium	ppm	ASTM D5185m >20	3	3	0

VISUAL

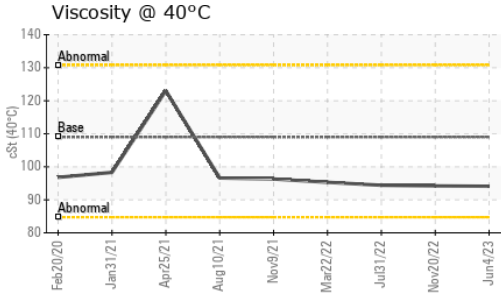
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 109	94.1	94.2	94.4

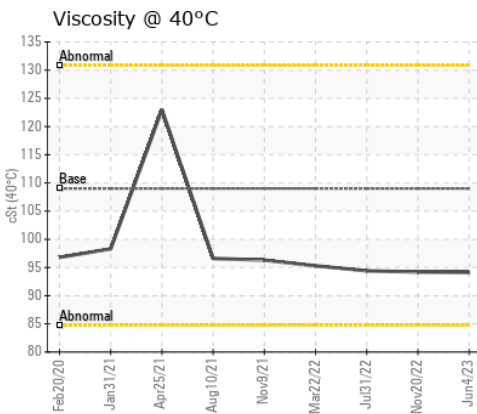
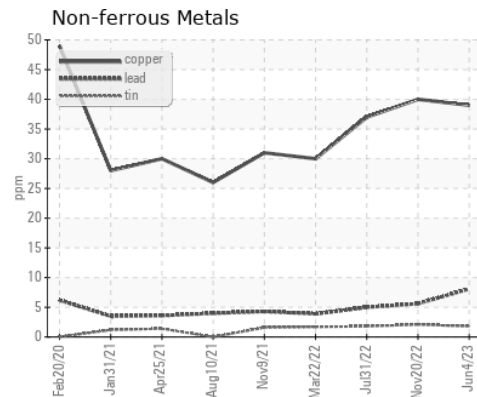
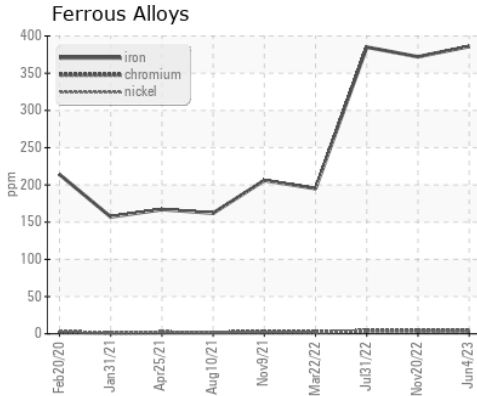


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0099911 **Received** : 22 Aug 2023
Lab Number : 05931176 **Diagnosed** : 23 Aug 2023
Unique Number : 10616447 **Diagnostician** : Don Baldrige
Test Package : FLEET

PERDUE FARMS - GEORGETOWN
 20621 SAVANAH RD
 GEORGETOWN, DE
 US 19947
 Contact: ROBERT LOCKWOOD
 Robert.Lockwood@Perdue.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: