



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
2227086

Component
Rear Differential

Fluid
GEAR OIL SAE 75W90 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

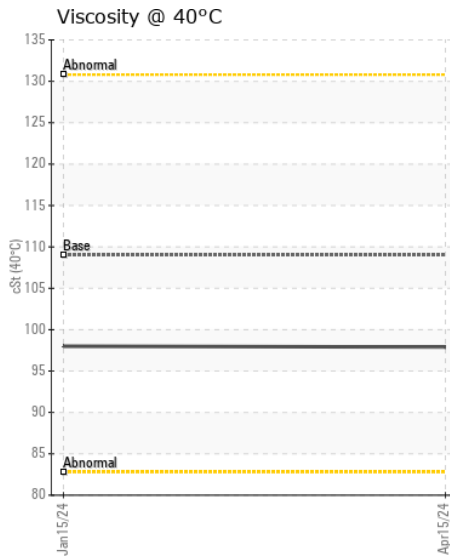
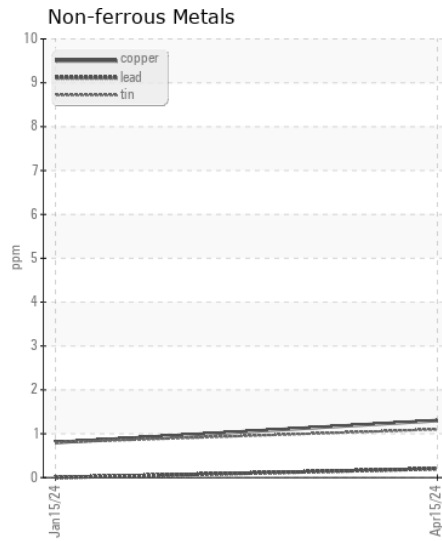
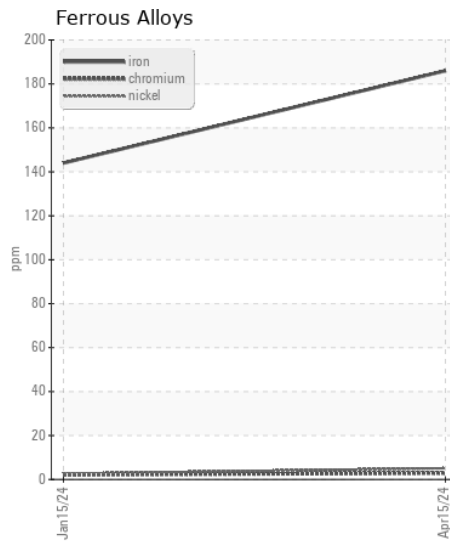
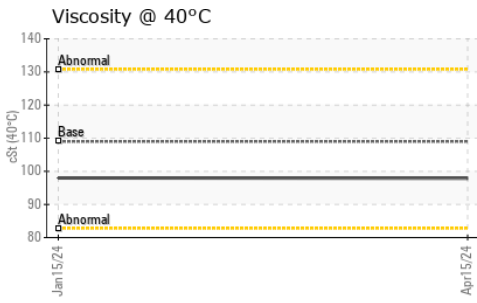
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0124567	PCA0116198	---
Sample Date		Client Info		15 Apr 2024	15 Jan 2024	---
Machine Age	mls	Client Info		40994	21912	---
Oil Age	mls	Client Info		40994	21912	---
Filter Age	mls	Client Info		40994	21912	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185m	>500	186	144	---
Chromium	ppm	ASTM D5185m	>10	3	2	---
Nickel	ppm	ASTM D5185m	>10	5	3	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	1	---
Lead	ppm	ASTM D5185m	>25	<1	0	---
Copper	ppm	ASTM D5185m	>100	1	<1	---
Tin	ppm	ASTM D5185m	>10	1	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	63	58	---
Potassium	ppm	ASTM D5185m	>20	5	2	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		4	4	---
Boron	ppm	ASTM D5185m	400	215	160	---
Barium	ppm	ASTM D5185m	200	<1	0	---
Molybdenum	ppm	ASTM D5185m	12	0	0	---
Manganese	ppm	ASTM D5185m		11	9	---
Magnesium	ppm	ASTM D5185m	12	1	0	---
Calcium	ppm	ASTM D5185m	150	18	5	---
Phosphorus	ppm	ASTM D5185m	1650	1219	1087	---
Zinc	ppm	ASTM D5185m	125	16	0	---
Sulfur	ppm	ASTM D5185m	22500	29641	27964	---
Visc @ 40°C	cSt	ASTM D445	109	97.9	98.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0124567
Lab Number : **06174474**
Unique Number : 11020527
Test Package : FLEET

Received : 09 May 2024
Tested : 10 May 2024
Diagnosed : 10 May 2024 - Wes Davis

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)

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F: