



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
2126906
 Component
Front 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

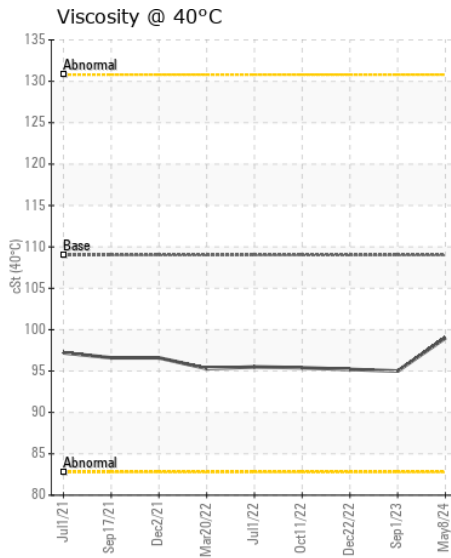
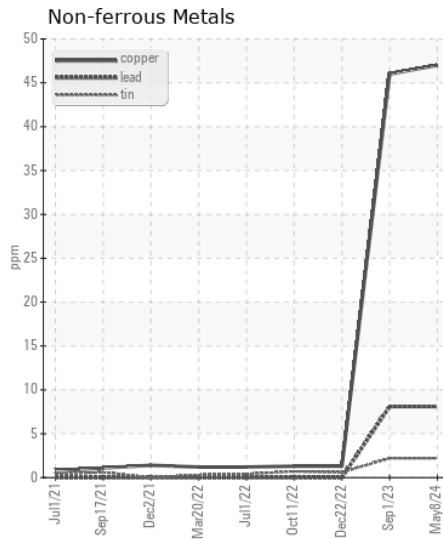
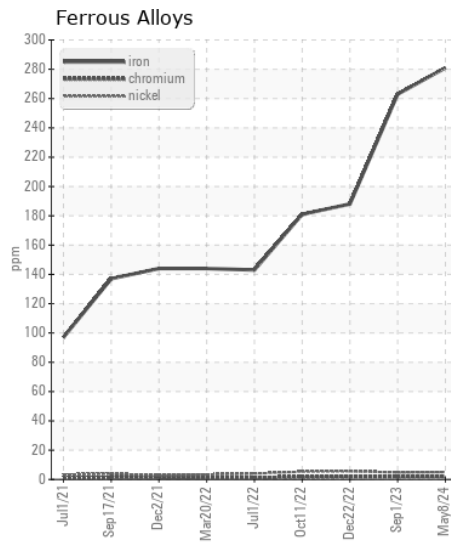
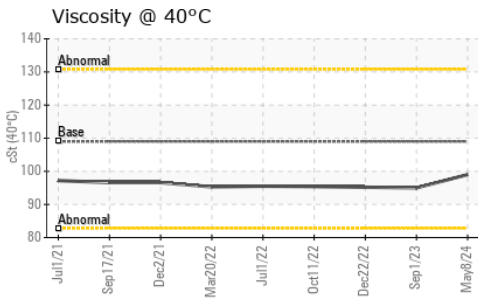
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0116031	PCA0105552	PCA0085291
Sample Date		Client Info		08 May 2024	01 Sep 2023	22 Dec 2022
Machine Age	mls	Client Info		272774	227516	157436
Oil Age	mls	Client Info		0	227516	157436
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>500	281	263	188
Chromium	ppm	ASTM D5185m	>10	2	2	2
Nickel	ppm	ASTM D5185m	>10	5	5	6
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	2	3
Lead	ppm	ASTM D5185m	>25	8	8	0
Copper	ppm	ASTM D5185m	>100	47	46	1
Tin	ppm	ASTM D5185m	>10	2	2	<1
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	54	49	32
Potassium	ppm	ASTM D5185m	>20	4	4	3
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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

Sodium	ppm	ASTM D5185m		10	10	8
Boron	ppm	ASTM D5185m	400	185	191	194
Barium	ppm	ASTM D5185m	200	2	2	0
Molybdenum	ppm	ASTM D5185m	12	<1	<1	1
Manganese	ppm	ASTM D5185m		18	18	12
Magnesium	ppm	ASTM D5185m	12	7	6	7
Calcium	ppm	ASTM D5185m	150	25	39	24
Phosphorus	ppm	ASTM D5185m	1650	1234	1209	1138
Zinc	ppm	ASTM D5185m	125	32	31	31
Sulfur	ppm	ASTM D5185m	22500	26649	25574	21122
Visc @ 40°C	cSt	ASTM D445	109	99.0	95.0	95.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0116031
Lab Number : 06174490
Unique Number : 11020543
Test Package : FLEET

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

PERDUE FARMS - BRIDGEVILLE
 8634 E NEWTON RD
 BRIDGEVILLE, DE
 US 19933
 Contact: GEORGE LACATES

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: