**WEAR** CONTAMINATION **FLUID CONDITION** 

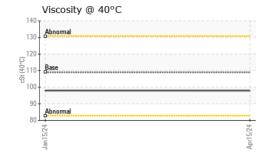
**NORMAL NORMAL** NORMAL

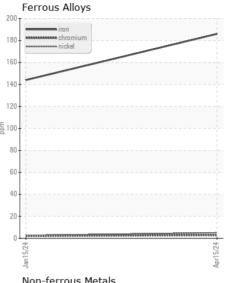
Machine Id

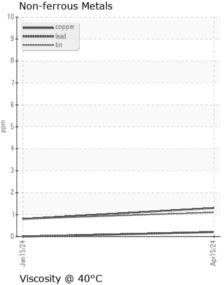
2227086

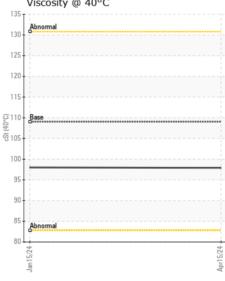
Component Rear Differential

Test Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum	mls mls mls ppm ppm ppm ppm	Method Client Info ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>10	Current PCA0124567 15 Apr 2024 40994 40994 40994 Not Changd NORMAL 186 3	21912 21912 21912 Not Changd	History2
Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver	mls mls ppm ppm ppm ppm	Client Info ASTM D5185m ASTM D5185m	>10	15 Apr 2024 40994 40994 40994 Not Changd Not Changd NORMAL	15 Jan 2024 21912 21912 21912 Not Changd Not Changd NORMAL	
Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver	mls mls ppm ppm ppm ppm	Client Info Client Info Client Info Client Info Client Info Client Info ASTM D5185m ASTM D5185m	>10	40994 40994 40994 Not Changd Not Changd NORMAL	21912 21912 21912 Not Changd Not Changd NORMAL	
Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver	mls mls ppm ppm ppm ppm	Client Info Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m	>10	40994 40994 Not Changd Not Changd NORMAL	21912 21912 Not Changd Not Changd NORMAL	
Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver	ppm ppm ppm	Client Info Client Info Client Info ASTM D5185m ASTM D5185m	>10	A0994 Not Changd Not Changd NORMAL	21912 Not Changd Not Changd NORMAL	
Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver	ppm ppm ppm	Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m	>10	Not Changd Not Changd NORMAL	Not Changd Not Changd NORMAL	
Filter Changed Sample Status Iron Chromium Nickel Titanium Silver	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>10	Not Changd NORMAL	Not Changd NORMAL	
Sample Status  Iron Chromium Nickel Titanium Silver	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>10	NORMAL 186	NORMAL 144	
Iron Chromium Nickel Titanium Silver	ppm ppm	ASTM D5185m ASTM D5185m	>10	186	144	
Chromium Nickel Titanium Silver	ppm ppm	ASTM D5185m ASTM D5185m	>10			
Nickel Titanium Silver	ppm	ASTM D5185m		3	2	
Titanium Silver	ppm		>10			
Silver		ASTM DE10Em		5	3	
	nnm	חוכסו כע ואוו פא		<1	<1	
Aluminum	ppm	ASTM D5185m		0	0	
	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	
	ppm					
	ppm					
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	
Sodium	mqq	ASTM D5185m		4	4	
Boron		ASTM D5185m	400	215	160	
Barium	ppm			<1	0	
Molybdenum	ppm	ASTM D5185m	12	0	0	
Manganese	ppm	ASTM D5185m		11	9	
Magnesium	ppm	ASTM D5185m	12	1	0	
Calcium	ppm			18	5	
Phosphorus	ppm			1219	1087	
Zinc	ppm			16	0	
Sulfur	ppm			29641	27964	
	cSt			97.9		
	Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus ppm Zinc ppm Sulfur ppm	Lead ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Potassium ppm ASTM D5185m Water WC Method Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Codor scalar *Visual Emulsified Water scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Molybdenum ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Magnesium ppm ASTM D5185m Calcium ppm ASTM D5185m Calcium ppm ASTM D5185m ASTM D5185m ASTM D5185m Calcium ppm ASTM D5185m	Lead         ppm         ASTM D5185m         >25           Copper         ppm         ASTM D5185m         >100           Tin         ppm         ASTM D5185m         >10           Vanadium         ppm         ASTM D5185m         >10           Water         ASTM D5185m         >10           Vellow Metal         scalar         *Visual         NONE           Silicon         ppm         ASTM D5185m         >75           Potassium         ppm         ASTM D5185m         >20           Water         WC Method         >.2           Silt         scalar         *Visual         NONE           Debris         scalar         *Visual         NONE           Sand/Dirt         scalar         *Visual         NORML           Appearance         scalar         *Visual         NORML           Appearance         scalar         *Visual         NORML           Emulsified Water         scalar         *Visual         NORML           Emulsified Water         scalar         *Visual         >.2           Sodium         ppm         ASTM D5185m         200           Molybdenum         ppm         ASTM D5185m         12     <	Lead         ppm         ASTM D5185m         >25         <1           Copper         ppm         ASTM D5185m         >100         1           Tin         ppm         ASTM D5185m         >10         1           Vanadium         ppm         ASTM D5185m         >10         1           White Metal         scalar         *Visual         NONE         NONE           Yellow Metal         scalar         *Visual         NONE         NONE           Yellow Metal         scalar         *Visual         NONE         NONE           Silicon         ppm         ASTM D5185m         >20         5           Potassium         ppm         ASTM D5185m         >20         5           Water         WC Method         >.2         NEG           Silt         scalar         *Visual         NONE         NONE           None         NONE         NONE         NONE         NONE           Sand/Dirt         scalar         *Visual         NORML         NORML           Appearance         scalar         *Visual         NORML         NORML           Codor         scalar         *Visual         NORML         NORML           Bor	Lead         ppm         ASTM D5185m         >25         <1         0           Copper         ppm         ASTM D5185m         >100         1         <1











Certificate L2367

Laboratory Sample No.

: PCA0124567 Lab Number : 06174474 Unique Number : 11020527 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 May 2024 **Tested** : 10 May 2024

Diagnosed

: 10 May 2024 - Wes Davis

US 19947 Contact: ROBERT LOCKWOOD Robert.Lockwood@Perdue.com

**PERDUE FARMS - GEORGETOWN** 

20621 SAVANAH RD

GEORGETOWN, DE

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: