

NORMAL CONTAMINATION NORMAL **FLUID CONDITION** NORMAL

WEAR

Machine Id

NG PCA0124557 Compone **Front Differential**

GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

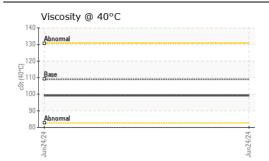
There is no indication of any contamination in the oil.

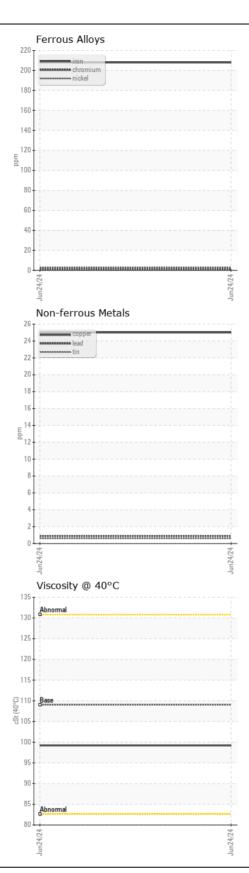
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0124557		
Sample Date		Client Info		24 Jun 2024		
Machine Age	mls	Client Info		447616		
Oil Age	mls	Client Info		0		
Filter Age	mls	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
				000		
Iron	ppm	ASTM D5185m	>500	208		
Chromium	ppm	ASTM D5185m	>10	1		
Nickel	ppm	ASTM D5185m	>10	3		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	. 05	0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>100	25		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>75	49		
Potassium						
Folassium	ppm	ASTM D5185m	>20	2		
Water	ppm	ASTM D5185m WC Method	>20 >.2	2 NEG		
	ppm scalar			_		
Water		WC Method	>.2	NEG	 	
Water Silt	scalar	WC Method *Visual	>.2 NONE	NEG NONE		
Water Silt Debris	scalar scalar	WC Method *Visual *Visual	>.2 NONE NONE	NEG NONE NONE		
Water Silt Debris Sand/Dirt	scalar scalar scalar	WC Method *Visual *Visual *Visual	>.2 NONE NONE NONE	NEG NONE NONE NONE		
Water Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual	>.2 NONE NONE NONE NORML	NEG NONE NONE NONE NORML		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>.2 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>.2 NONE NONE NORML NORML >.2	NEG NONE NONE NORML NORML NEG 9		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>.2 NONE NONE NORML NORML >.2	NEG NONE NONE NORML NORML NEG 9 216	 	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	 >.2 NONE NORML NORML >.2 400 200 	NEG NONE NONE NORML NORML NEG 9 216 <1	 	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>.2 NONE NONE NORML NORML >.2	NEG NONE NONE NORML NORML NEG 9 216 <1 0		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>.2 NONE NONE NORML NORML >.2 400 200 12	NEG NONE NONE NORML NORML NEG 9 216 <1 0 8		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >.2 NONE NORML NORML >.2 400 200 12 12 	NEG NONE NONE NORML NORML NEG 9 216 <1 0 8 3		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >.2 NONE NORML NORML >.2 400 200 12 12 150 	NEG NONE NONE NORML NORML NEG 9 216 <1 0 8 3 3 2		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >.2 NONE NONE NORML NORML >.2 400 200 12 12 150 1650 	NEG NONE NONE NORML NORML NEG 9 216 <1 0 8 3 2 1374		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >.2 NONE NORML NORML >.2 400 200 12 12 150 1650 125 	NEG NONE NONE NORML NORML NEG 9 216 <1 0 8 3 2 1 3 2 1374 34		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >.2 NONE NONE NORML NORML >.2 400 200 12 12 150 1650 	NEG NONE NONE NORML NORML NEG 9 216 <1 0 8 3 2 1374		

Contact/Location: ROBERT LOCKWOOD - PERGEODE





Sample No. : PCA0124557 Received : 25 Jun 2024 20621 SAVANAH RD Lab Number : 06220099 Tested GEORGETOWN, DE : 27 Jun 2024 Unique Number : 11098296 Diagnosed : 27 Jun 2024 - Jonathan Hester US 19947 Test Package : FLEET Contact: ROBERT LOCKWOOD Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. Robert.Lockwood@Perdue.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Laboratory

Contact/Location: ROBERT LOCKWOOD - PERGEODE Page 2 of 2

PERDUE FARMS - GEORGETOWN