

Machine Id 2327156 Component 2 Differential Fluid GEAR OIL SAE 75W90 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

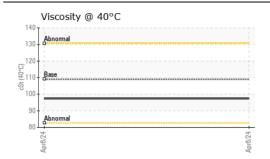
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0121395		
Sample Date		Client Info		08 Apr 2024		
Machine Age	mls	Client Info		18418		
Oil Age	mls	Client Info		18418		
Filter Age	mls	Client Info		18418		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
Iron		ASTM D5185m	>500	201		
Chromium	ppm	ASTM D5185m	>10	201		
Nickel	ppm	ASTM D5185m		2 10		
Titanium	ppm	ASTM D5185m	>10	10 <1		
Silver	ppm	ASTM D5185m		<1 0		
Aluminum	ppm	ASTM D5185m	>25	5		
Lead	ppm	ASTM D5185m	>25 >25	5 0		
	ppm	ASTM D5185m	>25	۰ <1		
Copper Tin	ppm	ASTM D5185m	>100	<1 0		
Vanadium	ppm ppm	ASTM D5185m	>10	0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
	Scala	visuai				
Silicon	ppm	ASTM D5185m	>75	45		
Potassium	ppm	ASTM D5185m	>20	4		
Water		WC Method	>.2	NEG		
Water Silt	scalar		>.2 NONE	NEG NONE		
		WC Method				
Silt	scalar	WC Method *Visual	NONE	NONE		
Silt Debris	scalar scalar	WC Method *Visual *Visual	NONE NONE	NONE		
Silt Debris Sand/Dirt	scalar scalar scalar	WC Method *Visual *Visual *Visual	NONE NONE NONE	NONE NONE NONE		
Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML	 	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE NONE NORE NORML NORML NEG	 	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >.2	NONE NONE NORML NORML NEG 5		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >.2	NONE NONE NORML NORML NEG 5 180		
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	NONE NONE NONE NORML >.2 400 200	NONE NONE NORML NORML NEG 5 180 0		
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	NONE NONE NORML NORML >.2	NONE NONE NORML NORML NEG 5 180 0 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >.2 400 200 12	NONE NONE NORML NORML NEG 5 180 0 0 11		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >.2 400 200 12	NONE NONE NORML NORML NEG 5 180 0 0 111 1		
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	NONE NONE NORML NORML >.2 400 200 12 12 12	NONE NONE NORML NORML NEG 5 180 0 0 11 1 1 7		
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	NONE NORML NORML >.2 400 200 12 12 12 150 1650	NONE NONE NORML NORML NEG 5 180 0 0 111 1 7 1308		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus	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 ASTM D5185m	NONE NORML NORML >.2 400 200 12 12 12 150 1650 125	NONE NONE NORML NORML NEG 5 180 0 0 11 1 1 7 1308 23		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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	NONE NORML NORML >.2 400 200 12 12 12 150 1650	NONE NONE NORML NORML NEG 5 180 0 0 111 1 7 1308		

Contact/Location: ROBERT LOCKWOOD - PERGEODE

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL



Ferrous Alloys 220 iron 200 nickel 180 160 140 120 ppm 100 80 60 40 20 0 Apr8/24 Anr8/74 Non-ferrous Metals 10 м lead 8 bpm 0 Apr8/24 .nr8/74 Viscosity @ 40°C 135 ormai 130 125 120 115 CSt (40°C) 201 CSt (40°C) 201 CSt Ba 100 95 90 85 Abnorma 80 Apr8/24 Apr8/24.



	Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513			PERDUE FARMS - GEORGETOWN	
ANAB	Sample No.	: PCA0121395	Received	: 25 Jun 2024	20621 SAVANAH RD	
ACCREDITED	Lab Number	: 06220158	Tested	: 26 Jun 2024	GEORGETOWN, DE	
TESTING LABORATORY	Unique Number	: 11098355	Diagnosed	: 26 Jun 2024 - Wes Davis	US 19947	
Certificate L2367	Test Package	: FLEET	-		Contact: ROBERT LOCKWOOD	
To discuss this sample report, contact Customer Service at 1-800-237-1369.					Robert.Lockwood@Perdue.com	
* - Denotes tes	st methods that	T:				
Statements of	conformity to sp	GM 106:2012) F:				

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