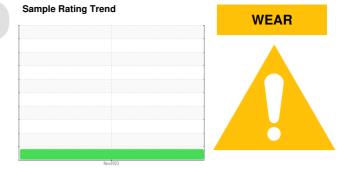
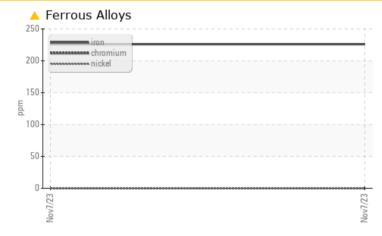
## **PROBLEM SUMMARY**



Machine Id 60172 Component Transmission (Manual) Fluid GEAR OIL SAE 75W90 (--- QTS)

### COMPONENT CONDITION SUMMARY



#### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS										
Sample Status			ABNORMAL							
Iron	ppm	ASTM D5185m	>200	<u> </u>						

Customer Id: GREGRETN Sample No.: WC0867795 Lab Number: 06013587 Test Package: FLEET



To manage this report scan the QR code

*To discuss the diagnosis or test data:* Don Baldridge +1 <u>don.b505@comcast.net</u>

*To change component or sample information:* Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u> There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



### **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id 60172 Component Transmission (Manual) Fluid GEAR OIL SAE 75W90 (--- QTS)

#### DIAGNOSIS

#### A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### 🔺 Wear

Gear wear is indicated. All other component wear rates are normal.

#### Contamination

There is no indication of any contamination in the fluid.

#### Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0867795		
Sample Date		Client Info		07 Nov 2023		
Machine Age	mls	Client Info		20890		
Oil Age	mls	Client Info		250631		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>A</b> 226		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>7	0		
Aluminum	ppm	ASTM D5185m	>25	3		
Lead	ppm	ASTM D5185m	>45	0		
Copper	ppm	ASTM D5185m	>225	11		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	238		
Barium	ppm	ASTM D5185m	200	0		
Molybdenum	ppm	ASTM D5185m	12	0		
Manganese	ppm	ASTM D5185m		12		
Magnesium	ppm	ASTM D5185m	12	4		
Calcium	ppm	ASTM D5185m	150	42		
Phosphorus	ppm	ASTM D5185m	1650	1465		
Zinc	ppm					
		ASTM D5185m	125	19		
Sulfur	ppm	ASTM D5185m ASTM D5185m	125 22500	19 22105		
Sulfur CONTAMINANTS	ppm			-		
	ppm	ASTM D5185m	22500 limit/base	22105		
CONTAMINANTS	ppm	ASTM D5185m method	22500 limit/base	22105 current	 history1	
CONTAMINANTS Silicon	ppm S ppm	ASTM D5185m method ASTM D5185m	22500 limit/base >125	22105 current 20	 history1	
CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m	22500 limit/base >125	22105 current 20 3	 history1	
CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	22500 limit/base >125 >20	22105 current 20 3 0	 history1  	 history2  
CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m method	22500 limit/base >125 >20 limit/base	22105 current 20 3 0 current	history1   history1	history2   history2
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	22500 limit/base >125 >20 limit/base NONE	22105 current 20 3 0 current NONE	 history1   history1 	 history2   history2 
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE	22105 current 20 3 0 current NONE NONE	 history1   history1 	 history2   history2 
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm scalar scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE NONE	22105 current 20 3 0 current NONE NONE NONE	 history1   history1  	 history2   history2  
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE NONE NONE	22105 current 20 3 0 current NONE NONE NONE NONE	 history1   history1  	 history2   history2  
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE NONE NONE NONE	22105 current 20 3 0 current NONE NONE NONE NONE NONE NONE	 history1   history1   	 history2   history2    
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE NONE NONE NONE NONE	22105 current 20 3 0 current NONE NONE NONE NONE NONE NONE NONE	 history1   history1    	 history2   history2     
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	22105 current 20 3 0 current NONE NONE NONE NONE NONE NONE NONE NON	 history1   history1      	 history2   history2      
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	22500 limit/base >125 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NORML NORML	22105 current 20 3 0 current NONE NONE NONE NONE NONE NONE NONE NON	 history1   history1        -	 history2   history2         



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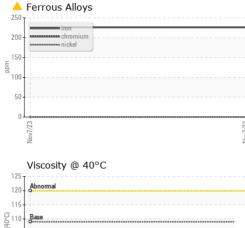
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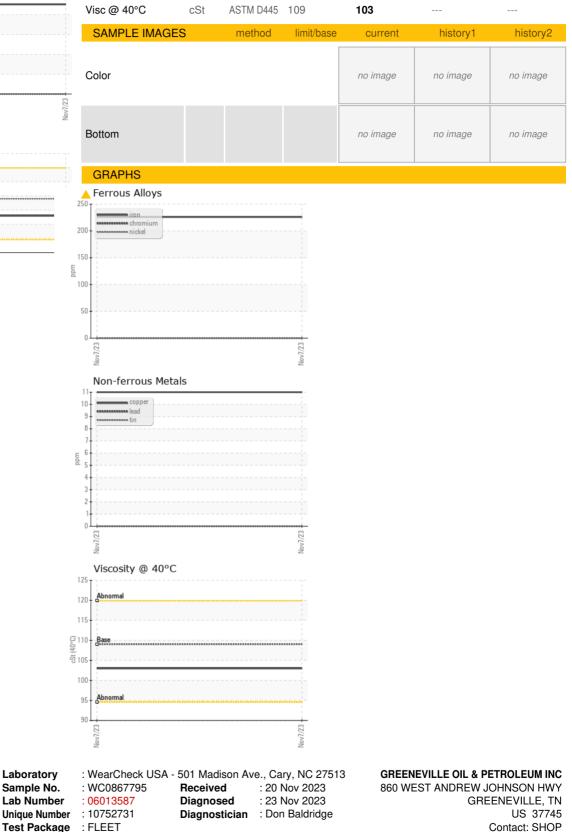
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# **OIL ANALYSIS REPORT**

**FLUID PROPERTIES** 





limit/base

current

method

history1

history2

Test Package : FLEET Certificate L2367 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)

shop@burkhartenterprises.com

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