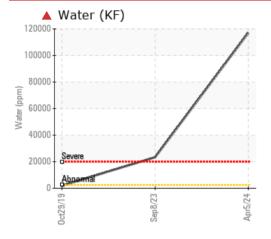
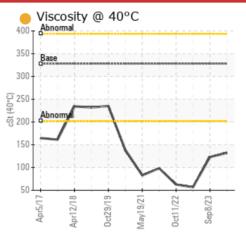
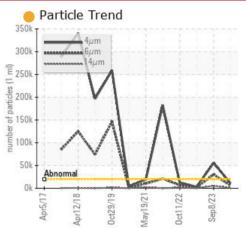


COMPONENT CONDITION SUMMARY







RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

PROBLEMATIC [*]	TEST RE	SULTS				
Sample Status				SEVERE	SEVERE	ATTENTION
Water	%	ASTM D6304	>0.25	11.7	2 .34	
ppm Water	ppm	ASTM D6304	>2500	117000	2 3400	
Debris	scalar	*Visual	NONE	🔺 MODER	NONE	NONE
Emulsified Water	scalar	*Visual	>0.25	0.2%	▲ 0.2%	NEG

Customer Id: CARBUTNC Sample No.: WC0919074 Lab Number: 06142923 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED A	CTIONS			
Action	Status	Date	Done By	Description
Change Fluid			?	We recommend that you drain the oil from the component if this has not already been done.
Resample			?	We recommend an early resample to monitor this condition.
Check Water Access			?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS



08 Sep 2023 Diag: Don Baldridge

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of particulates present in the oil. There is a high concentration of water present in the oil. The oil viscosity is lower than normal. Confirm oil type. The oil is no longer serviceable due to the presence of contaminants.



view report



29 Mar 2023 Diag: Doug Bogart

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The oil viscosity is lower than normal. Confirm oil type.

11 Oct 2022 Diag: Don Baldridge



Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of particulates present in the oil. The oil viscosity is lower than normal. Confirm oil type.





OIL ANALYSIS REPORT

Sample Rating Trend



Mobile Fleet

5514 5514 Component Swing Drive Fluid

MOBIL MOBILUBE HD 85W140 (2 GAL)

SAMPLE INFORMATION method

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Area

Wear

All component wear rates are normal.

Contamination

Appearance is milky. There is a moderate amount of particulates present in the oil. There is a high concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

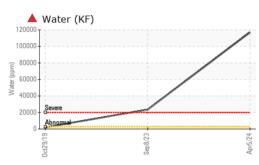
Fluid Condition

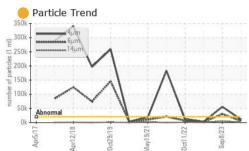
The oil is no longer serviceable due to the presence of contaminants.

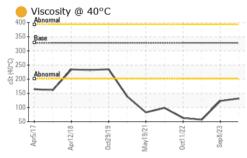
Sample Date Client Info 05 Apr 2024 08 Sep 2023 29 Mar 2023 Machine Age hrs Client Info 10255 9741 9213 Oil Age hrs Client Info 1040 526 2085 Oil Changed Client Info Not Changd Not Changd Not Changd Sample Status Client Info Not Changd Not Changd ATTENTION WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 <1 0 2 Itanium ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 5 0 0 Cadmium ppm ASTM D5185m >50 5 0 0 Cadmium ppm ASTM D5185m >50 5 0 0 Cadmium<		ATION	method	iiiiii/base	current	TIIStOLA	nistoryz
Machine Age hrs Client Info 10255 9741 9213 Oil Age hrs Client Info 1040 526 2085 Oil Changed Client Info Not Changd Not Changd Not Changd Sample Status Client Info SEVERE SEVERE ATTENTION WEAR METALS method Imit/base current history1 Nicker Iron ppm ASTM D5185m >1200 153 97 103 Chromium ppm ASTM D5185m >10 <1 0 2 Nickel ppm ASTM D5185m >50 5 0 0 Silver ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin pm ASTM D5185m >50 1 0 0 Cadmium ppm ASTM D5185m 13 3 2 1 Bario	Sample Number		Client Info		WC0919074	WC0793972	WC0794089
Oil Age hrs Client Info 1040 526 2085 Oil Changed Client Info Not Changd Not Changd <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>05 Apr 2024</th> <th>08 Sep 2023</th> <th>29 Mar 2023</th>	Sample Date		Client Info		05 Apr 2024	08 Sep 2023	29 Mar 2023
Oil Changed Sample Status Client Info Not Changd SEVERE Not Changd SEVERE Not Changd SEVERE Not Changd ATTENTION WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 2 1 21 Not Changd ppm ASTM D5185m >10 2 1 21 Note Change ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 5 0 0 Cadamium ppm ASTM D5185m >10 5 <1	Machine Age	hrs	Client Info		10255	9741	9213
Sample Status method Imit/base current history1 history2 Iron ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 <1 0 0 Silver ppm ASTM D5185m >10 <1 <1 2 Aluminum ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m <1 0 0 ADDITIVES method Imit/base current history1 history2 Barium ppm ASTM D5185m 3 3 2 3 <	Oil Age	hrs	Client Info		1040	526	2085
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >1200 153 97 103 Chromium ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 <1 0 0 Titanium ppm ASTM D5185m >10 <1 0 2 Aluminum ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >50 16 11 18 Cadmium ppm ASTM D5185m 4 <1 0 Cadmium ppm ASTM D5185m 7 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 3 3 2 14 14 </th <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>Not Changd</th> <th>Not Changd</th> <th>Not Changd</th>	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Iron ppm ASTM D5185m >1200 153 97 103 Chromium ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 <1 0 0 Titanium ppm ASTM D5185m >10 <1 0 2 Aluminum ppm ASTM D5185m >25 7 3 6 Lead ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >10 5 <1 0 Vanadium ppm ASTM D5185m <16 11 18 Tin ppm ASTM D5185m <16 0 0 Cadmium ppm ASTM D5185m <17 0 0 ASTM D5185m 1 41 0 0 0 Manganese ppm ASTM D5185m 331 28 474 Caleium ppm ASTM D5185m	Sample Status				SEVERE	SEVERE	ATTENTION
Dromium ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 <1 0 0 Titanium ppm ASTM D5185m 1 0 2 Aluminum ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m <4 <1 0 0 Cadmium ppm ASTM D5185m 78 114 59 Barium ppm ASTM D5185m 3 3 2 Marganese ppm ASTM D5185m 130 1033 997 Zinc ppm	WEAR METALS		method	limit/base	current	history1	history2
Chromium ppm ASTM D5185m >10 2 1 2 Nickel ppm ASTM D5185m >10 <1 0 0 Titanium ppm ASTM D5185m >10 <1 <1 <1 Silver ppm ASTM D5185m >25 7 3 6 Lead ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >50 16 11 0 0 Cadmium ppm ASTM D5185m >10 5 <1 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 3 3 2 1 Maganese ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 130 1033	Iron	ppm	ASTM D5185m	>1200	153	97	103
Nickel ppm ASTM D5185m >10 <1 0 0 Titanium ppm ASTM D5185m 1 0 2 Aluminum ppm ASTM D5185m 1 0 2 Aluminum ppm ASTM D5185m >250 7 3 6 Lead ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >10 5 <1	Chromium		ASTM D5185m	>10	2	1	2
Titanium ppm ASTM D5185m <1	Nickel		ASTM D5185m	>10	<1	0	0
Silver ppm ASTM D5185m 1 0 2 Aluminum ppm ASTM D5185m >25 7 3 6 Lead ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >10 5 <1 0 0 Cadmium ppm ASTM D5185m >10 5 <1 0 0 Cadmium ppm ASTM D5185m <1 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 78 114 59 Barium ppm ASTM D5185m 33 3 2 Maganese ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 1130 1033 997 Stincon ppm ASTM D5185m 23845 22640 10877 Stilfor <td>Titanium</td> <td></td> <td>ASTM D5185m</td> <td></td> <th></th> <td><1</td> <td><1</td>	Titanium		ASTM D5185m			<1	<1
Aluminum ppm ASTM D5185m >25 7 3 6 Lead ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >10 5 <1	Silver		ASTM D5185m		1	0	2
Lead ppm ASTM D5185m >50 5 0 0 Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >10 5 <1	Aluminum		ASTM D5185m	>25	7	3	6
Copper ppm ASTM D5185m >50 16 11 18 Tin ppm ASTM D5185m >10 5 <1	Lead		ASTM D5185m	>50	5	0	0
Tin ppm ASTM D5185m >10 5 <1 0 Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m 4 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 78 114 59 Barium ppm ASTM D5185m 3 3 2 Molybdenum ppm ASTM D5185m 3 3 2 Maganese ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 1130 1033 997 Sulfur ppm ASTM D5185m 208 0 1 2 Solicon ppm ASTM D5185m 200 3 3 <1 Solicon ppm ASTM D5185m 200 3	Copper		ASTM D5185m	>50		11	18
Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m 4 <1	Tin		ASTM D5185m	>10	5	<1	0
Cadmium ppm ASTM D5185m 4 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 78 114 59 Barium ppm ASTM D5185m 3 3 2 Magnese ppm ASTM D5185m 3 3 2 Magnesium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 1130 1003 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 782 617 929 Solion ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 <th< td=""><td>Vanadium</td><td></td><td>ASTM D5185m</td><td></td><th></th><td>0</td><td>0</td></th<>	Vanadium		ASTM D5185m			0	0
Boron ppm ASTM D5185m 78 114 59 Barium ppm ASTM D5185m <1	Cadmium		ASTM D5185m		4	<1	0
Barium ppm ASTM D5185m <1 0 0 Molybdenum ppm ASTM D5185m 3 3 2 Manganese ppm ASTM D5185m 2 1 1 Magnesium ppm ASTM D5185m 231 298 474 Calcium ppm ASTM D5185m 143 140 384 Phosphorus ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 782 2640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >20 0 3 <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 3 3 2 Manganese ppm ASTM D5185m 2 1 1 Magnesium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 143 140 384 Phosphorus ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >20 0 3 <1	Boron	ppm	ASTM D5185m		78	114	59
Manganese ppm ASTM D5185m 2 1 1 Magnesium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 143 140 384 Phosphorus ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method imit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >20 0 3 <1	Barium	ppm	ASTM D5185m		<1	0	0
Magnesium ppm ASTM D5185m 331 298 474 Calcium ppm ASTM D5185m 143 140 384 Phosphorus ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >20 0 3 <1	Molybdenum	ppm	ASTM D5185m		3	3	2
Calcium ppm ASTM D5185m 143 140 384 Phosphorus ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >20 0 3 <1	Manganese	ppm	ASTM D5185m		2	1	1
Phosphorus ppm ASTM D5185m 1130 1033 997 Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >0 1 2 2 Potassium ppm ASTM D5185m >20 0 3 <1	Magnesium	ppm	ASTM D5185m		331	298	474
Zinc ppm ASTM D5185m 782 617 929 Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >20 0 3 <1	Calcium	ppm	ASTM D5185m		143	140	384
Sulfur ppm ASTM D5185m 23845 22640 10877 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >100 23 18 15 Potassium ppm ASTM D5185m >20 0 3 <1	Phosphorus	ppm	ASTM D5185m		1130	1033	997
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >100 23 18 15 Potassium ppm ASTM D5185m >20 0 3 <1	Zinc	ppm	ASTM D5185m		782	617	929
Silicon ppm ASTM D5185m >100 23 18 15 Sodium ppm ASTM D5185m >100 0 1 2 Potassium ppm ASTM D5185m >20 0 3 <10 Potassium ppm ASTM D5185m >20 0 3 <10 Water % ASTM D6304 >0.25 ▲ 11.7 ▲ 2.34 ppm Water ppm ASTM D6304 >2500 ▲ 117000 ▲ 23400 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >20000 10701 55626 3193 Particles >6µm ASTM D7647 >5000 5829 30302 1739 Particles >14µm ASTM D7647 >640 992 5157 296 Particles >21µm ASTM D7647 >40 52 268 15 Particles >38µm ASTM D7647 >40 52 268 15 Particles >71µm ASTM D7647 >10 5	Sulfur	ppm	ASTM D5185m		23845	22640	10877
Sodium ppm ASTM D5185m 0 1 2 Potassium ppm ASTM D5185m >20 0 3 <1	CONTAMINANTS	;	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 3 <1 Water % ASTM D6304 >0.25 ▲ 11.7 ▲ 2.34 ppm Water ppm ASTM D6304 >2500 ▲ 11.70 ▲ 23400 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >20000 10701 ▲ 55626 3193 Particles >6µm ASTM D7647 >5000 5829 ▲ 30302 1739 Particles >14µm ASTM D7647 >640 992 ▲ 5157 296 Particles >21µm ASTM D7647 >40 52 △ 268 15 Particles >38µm ASTM D7647 >40 52 △ 268 15 Particles >71µm ASTM D7647 >10 5 △ 27 2	Silicon	ppm	ASTM D5185m	>100	23	18	15
Water % ASTM D6304 >0.25 ▲ 11.7 ▲ 2.34 ppm Water ppm ASTM D6304 >2500 ▲ 117000 ▲ 23400 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >20000 10701 ▲ 55626 3193 Particles >6µm ASTM D7647 >5000 5829 ▲ 30302 1739 Particles >14µm ASTM D7647 >640 992 ▲ 5157 296 Particles >21µm ASTM D7647 >160 334 ▲ 1737 100 Particles >38µm ASTM D7647 >40 52 ▲ 268 15 Particles >71µm ASTM D7647 >10 5 ▲ 27 2	Sodium	ppm	ASTM D5185m		0	1	2
ppm Water ppm ASTM D6304 >2500 117000 23400 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >20000 10701 55626 3193 Particles >6µm ASTM D7647 >5000 5829 30302 1739 Particles >14µm ASTM D7647 >640 992 5157 296 Particles >21µm ASTM D7647 >160 334 1737 100 Particles >38µm ASTM D7647 >40 52 268 15 Particles >71µm ASTM D7647 >10 5 27 2	Potassium	ppm	ASTM D5185m	>20	0	3	<1
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >20000 10701 55626 3193 Particles >6µm ASTM D7647 >5000 5829 30302 1739 Particles >14µm ASTM D7647 >640 992 5157 296 Particles >21µm ASTM D7647 >160 334 1737 100 Particles >38µm ASTM D7647 >40 52 268 15 Particles >71µm ASTM D7647 >10 5 27 2	Water	%	ASTM D6304	>0.25	11.7	2 .34	
Particles >4μm ASTM D7647 >20000 10701 55626 3193 Particles >6μm ASTM D7647 >5000 5829 30302 1739 Particles >14μm ASTM D7647 >640 992 5157 296 Particles >21μm ASTM D7647 >160 334 1737 100 Particles >38μm ASTM D7647 >40 52 268 15 Particles >71μm ASTM D7647 >10 5 27 2	ppm Water	ppm	ASTM D6304	>2500	117000	2 3400	
Particles >6μm ASTM D7647 >5000 5829 30302 1739 Particles >14μm ASTM D7647 >640 992 5157 296 Particles >21μm ASTM D7647 >160 334 1737 100 Particles >38μm ASTM D7647 >40 52 268 15 Particles >71μm ASTM D7647 >10 5 27 2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14μm ASTM D7647 >640 992 ▲ 5157 296 Particles >21μm ASTM D7647 >160 334 ▲ 1737 100 Particles >38μm ASTM D7647 >40 52 ▲ 268 15 Particles >71μm ASTM D7647 >10 5 ▲ 27 2	Particles >4µm		ASTM D7647	>20000		▲ 55626	3193
Particles >21μm ASTM D7647 >160 334 Δ 1737 100 Particles >38μm ASTM D7647 >40 52 Δ 268 15 Particles >71μm ASTM D7647 >10 5 Δ 27 2	Particles >6µm		ASTM D7647	>5000	<u> </u>	▲ 30302	1739
Particles >38μm ASTM D7647 >40 52 268 15 Particles >71μm ASTM D7647 >10 5 27 2	Particles >14µm		ASTM D7647	>640	992	5 157	296
Particles >71μm ASTM D7647 >10 5 ▲ 27 2	Particles >21µm		ASTM D7647	>160	<mark> </mark> 334	1 737	100
	Particles >38µm		ASTM D7647	>40	5 2	<u> </u>	15
Oil Cleanliness ISO 4406 (c) >21/19/16 🦲 21/20/17 🔺 23/22/20 19/18/15	Particles >71µm		ASTM D7647	>10	5	A 27	2
	Oil Cleanliness		ISO 4406 (c)	>21/19/16	e 21/20/17	▲ 23/22/20	19/18/15

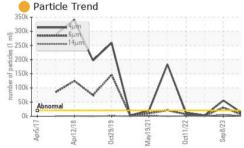


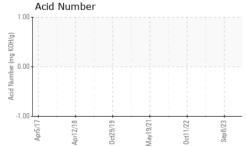
OIL ANALYSIS REPORT



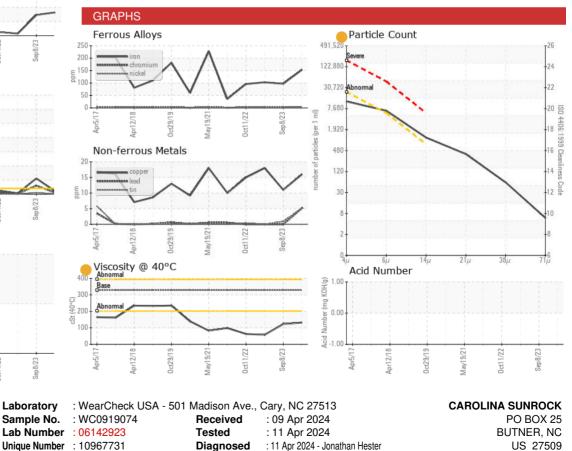








VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	LIGHT	NONE
Debris	scalar	*Visual	NONE	A MODER	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	🛑 MILKY	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.25	d 0.2%	▲ 0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
FLUID PROPERT Visc @ 40°C	TES cSt	method ASTM D445	limit/base 328	current	history1 123	history2 56.8
	cSt					
Visc @ 40°C	cSt	ASTM D445	328	132	123	56.8





Unique Number : 10967731 Test Package : CONST (Additional Tests: KF, PrtCount) Certificate 12367

Report Id: CARBUTNC [WUSCAR] 06142923 (Generated: 04/16/2024 08:43:40) Rev: 1

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)

F: (919)575-0162 Contact/Location: Leigh Dennis - CARBUTNC

Contact: Leigh Dennis

T: (919)575-4505

rdennis@thesunrockgroup.com