

PROBLEM SUMMARY

Sample Rating Trend

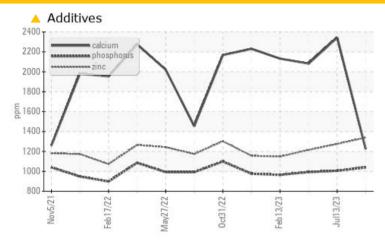


Machine Id C1116

Diesel Engine

SHELL ROTELLA T4 15W40 (--- QTS)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status			ATTENTION	NORMAL	NORMAL			
Boron	ppm	ASTM D5185m	<u>^</u> 2	130	122			
Magnesium	ppm	ASTM D5185m	△ 1089	83	56			
Calcium	ppm	ASTM D5185m	<u></u> 1224	2343	2082			
Sulfur	ppm	ASTM D5185m	<u>^</u> 2675	4373	4217			

Customer Id: GUYGRE Sample No.: WC0831958 Lab Number: 05964037 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS

13 Jul 2023 Diag: Don Baldridge

NORMAL



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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



03 May 2023 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

view report

13 Feb 2023 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend

ADDITIVES



Machine Id C1116 Component **Diesel Engine**

SHELL ROTELLA T4 15W40 (--- QTS)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. 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.

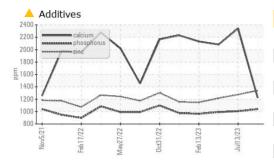
Fluid Condition

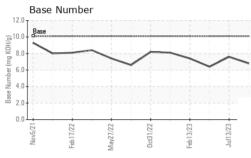
The oil viscosity is higher than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

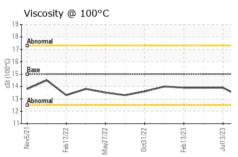
SAMPLE INFORMATION method limit/base current history1 history2 Sample Number Client Info WC0831958 WC0832024 WC0801672 Sample Date Client Info 25 Sep 2023 13 Jul 2023 03 May 2023 Machine Age hrs Client Info 3903 3476 3119 Oil Age hrs Client Info 250 250 250 Oil Changed Changed Changed Changed Changed Changed Sample Status method limit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Giycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185m >20 1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <th colspan="7">Nov2021 Feb2022 May2022 Oc2022 Feb2023 Jul2023</th>	Nov2021 Feb2022 May2022 Oc2022 Feb2023 Jul2023						
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age Oil Age hrs Client Info 3903 3476 3119 Oil Age hrs Client Info 250 250 250 Oil Changed Sample Status Client Info Changed ATTENTION NORMAL NORMAL NORMAL CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0	Sample Number		Client Info		WC0831958	WC0832024	WC0801672
Oil Age hrs Client Info 250 250 250 Oil Changed Sample Status Client Info Changed ATTENTION Changed Changed Changed Changed NORMAL Change NoRMAL </th <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>25 Sep 2023</th> <th>13 Jul 2023</th> <th>03 May 2023</th>	Sample Date		Client Info		25 Sep 2023	13 Jul 2023	03 May 2023
Oil Changed Sample Status Client Info Changed ATTENTION Changed ATTENTION Changed NORMAL Change And NoRMAL Changed NoRMAL Change And NoRMAL Change	Machine Age	hrs	Client Info		3903	3476	3119
CONTAMINATION	Oil Age	hrs	Client Info		250	250	250
CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0	Oil Changed		Client Info		Changed	Changed	Changed
Fuel	Sample Status				ATTENTION	NORMAL	NORMAL
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >100 43 6 6 Chromium ppm ASTM D5185m >20 1 <1 <1 Nickel ppm ASTM D5185m >4 0 0 <1 Silver ppm ASTM D5185m >4 0 0 0 Aluminum ppm ASTM D5185m >20 9 3 0 Aluminum ppm ASTM D5185m >20 9 3 0 Lead ppm ASTM D5185m >40 <1 22 <1 Copper ppm ASTM D5185m >40 <1 22 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1<	CONTAMINATION	V	method	limit/base	current	history1	history2
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 1 <1	Fuel		WC Method	>5	<1.0	<1.0	<1.0
Iron	Glycol		WC Method		NEG	NEG	NEG
Chromium ppm ASTM D5185m >20 1 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>100	43	6	6
Titanium ppm ASTM D5185m <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>Chromium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>>20</td> <th>1</th> <td><1</td> <td><1</td>	Chromium	ppm	ASTM D5185m	>20	1	<1	<1
Titanium ppm ASTM D5185m <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>Nickel</td> <td></td> <td>ASTM D5185m</td> <td>>4</td> <th>0</th> <td>0</td> <td><1</td>	Nickel		ASTM D5185m	>4	0	0	<1
Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >20 9 3 0 Lead ppm ASTM D5185m >40 <1 22 <1 Copper ppm ASTM D5185m >330 36 <1 0 Tin ppm ASTM D5185m >15 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Titanium		ASTM D5185m		<1	<1	<1
Aluminum ppm ASTM D5185m >20 9 3 0 Lead ppm ASTM D5185m >40 <1	Silver		ASTM D5185m	>3	0	0	0
Copper ppm ASTM D5185m >330 36 <1 0 Tin ppm ASTM D5185m >15 <1	Aluminum	ppm	ASTM D5185m	>20	9	3	0
Tin ppm ASTM D5185m >15 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 130 122 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m 4 1089 83 56 Calcium ppm ASTM D5185m 4 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m >25	Lead	ppm	ASTM D5185m	>40	<1	22	<1
Vanadium ppm ASTM D5185m 0 <1 <1 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 130 122 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m 4 1089 83 56 Calcium ppm ASTM D5185m 4 1089 83 56 Calcium ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m >25 7	Copper	ppm	ASTM D5185m	>330	36	<1	0
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 4 2 130 122 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 -1 -1 Magnesium ppm ASTM D5185m 2 -1 -1 Magnesium ppm ASTM D5185m 2 -1 -1 Calcium ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m 2675 4373 4217 CONTAMINANTS method limit/base current history1	Tin	ppm	ASTM D5185m	>15	<1	<1	<1
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m ▲ 2 130 122 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 <1	Vanadium		ASTM D5185m		0	<1	<1
Boron ppm ASTM D5185m ▲ 2 130 122 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m ▲ 1089 83 56 Calcium ppm ASTM D5185m ▲ 1224 2343 2082 Phosphorus ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m 1089 83 56 Calcium ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base cur	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 68 15 11 Manganese ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m ▲ 1089 83 56 Calcium ppm ASTM D5185m ▲ 1224 2343 2082 Phosphorus ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/:mm *A	Boron	ppm	ASTM D5185m		<u>^</u> 2	130	122
Manganese ppm ASTM D5185m 2 <1 <1 Magnesium ppm ASTM D5185m ▲ 1089 83 56 Calcium ppm ASTM D5185m ▲ 1224 2343 2082 Phosphorus ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7415 >30 21.0 21.2 18.5 FLUID	Barium	ppm	ASTM D5185m		0	0	0
Magnesium ppm ASTM D5185m ▲ 1089 83 56 Calcium ppm ASTM D5185m ▲ 1224 2343 2082 Phosphorus ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/:mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION	Molybdenum	ppm	ASTM D5185m		68	15	11
Calcium ppm ASTM D5185m ▲ 1224 2343 2082 Phosphorus ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 <td>Manganese</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>2</th> <td><1</td> <td><1</td>	Manganese	ppm	ASTM D5185m		2	<1	<1
Phosphorus ppm ASTM D5185m 1040 1006 993 Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1<	Magnesium	ppm	ASTM D5185m		1089	83	56
Zinc ppm ASTM D5185m 1339 1275 1215 Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2	Calcium	ppm	ASTM D5185m		<u> </u>	2343	2082
Sulfur ppm ASTM D5185m ▲ 2675 4373 4217 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Phosphorus	ppm	ASTM D5185m		1040	1006	993
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Zinc	ppm	ASTM D5185m		1339	1275	1215
Silicon ppm ASTM D5185m >25 7 4 4 Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Sulfur	ppm	ASTM D5185m		^ 2675	4373	4217
Sodium ppm ASTM D5185m 6 1 2 Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 21 10 10 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Silicon	ppm	ASTM D5185m	>25	7	4	4
INFRA-RED	Sodium	ppm	ASTM D5185m		6	1	2
Soot % % *ASTM D7844 >3 0.3 0.3 0.2 Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Potassium	ppm	ASTM D5185m	>20	21	10	10
Nitration Abs/cm *ASTM D7624 >20 8.1 8.0 7.1 Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 21.0 21.2 18.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Soot %	%	*ASTM D7844	>3	0.3	0.3	0.2
FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Nitration	Abs/cm	*ASTM D7624	>20	8.1	8.0	7.1
Oxidation Abs/.1mm *ASTM D7414 >25 17.2 17.4 15.6	Sulfation	Abs/.1mm	*ASTM D7415	>30	21.0	21.2	18.5
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Base Number (BN) mg KOH/g ASTM D2896 10.1 6.8 7.6 6.4	Oxidation	Abs/.1mm	*ASTM D7414	>25	17.2	17.4	15.6
	Base Number (BN)	mg KOH/g	ASTM D2896	10.1	6.8	7.6	6.4



OIL ANALYSIS REPORT



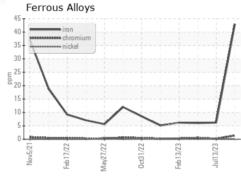


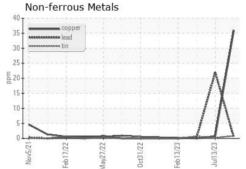


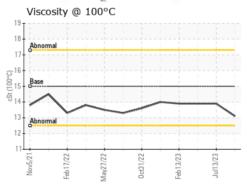
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

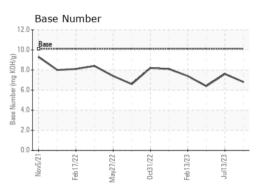
FLUID PROPERTIES		method	ilmit/base	current	nistory i	nistory	
Visc @ 100°C	cSt	ASTM D445	15	13.1	13.9	13.9	

GRAPHS













Certificate L2367

Laboratory Sample No. Lab Number

Unique Number Test Package : FLEET

: WC0831958 : 05964037 : 10670588

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

: 28 Sep 2023 : 01 Oct 2023 Diagnostician : Don Baldridge **GUY M TURNER & TURNER TRANSFER** 4505 SOUTH HOLDEN ROAD

GREENSBORO, NC US 27406

Contact: ROGER HIXSON rhixson@guymturner.com

T: (336)294-4660 F: (336)294-6644

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)

Report Id: GUYGRE [WUSCAR] 05964037 (Generated: 10/05/2023 16:07:49) Rev: 1

Contact/Location: ROGER HIXSON - GUYGRE