



WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**ROBERT W TAYLOR**  
Machine Id  
[ROBERT W TAYLOR] 004 568680-4  
Component  
Port Reduction Gear  
Fluid  
SHELL ROTELLA T 40 (--- GAL)

**RECOMMENDATION**

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

**WEAR**

The copper level is abnormal. All other component wear rates are normal.

**CONTAMINATION**

There is no indication of any contamination in the oil.

**FLUID CONDITION**

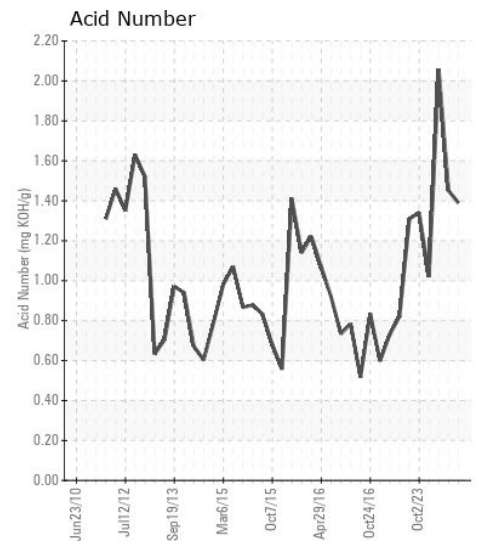
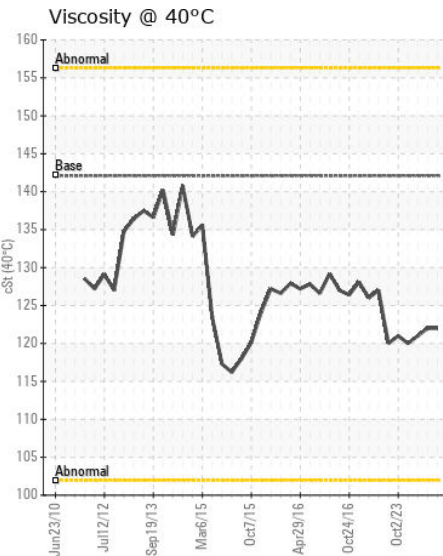
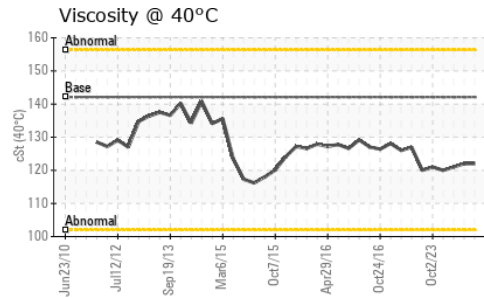
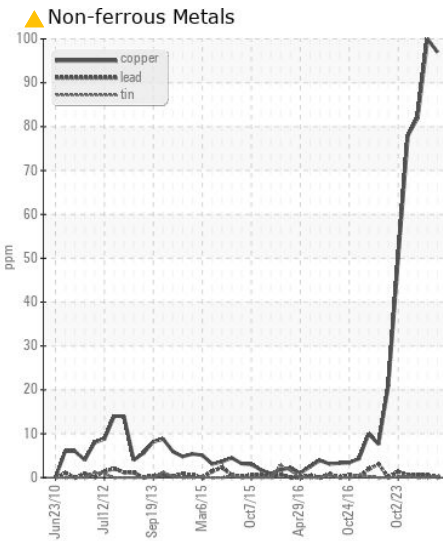
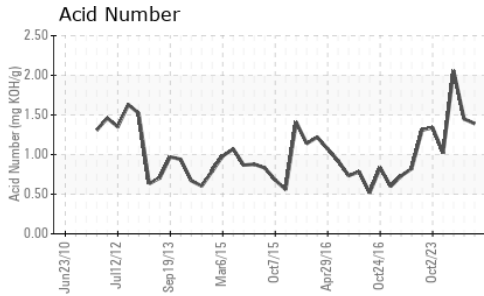
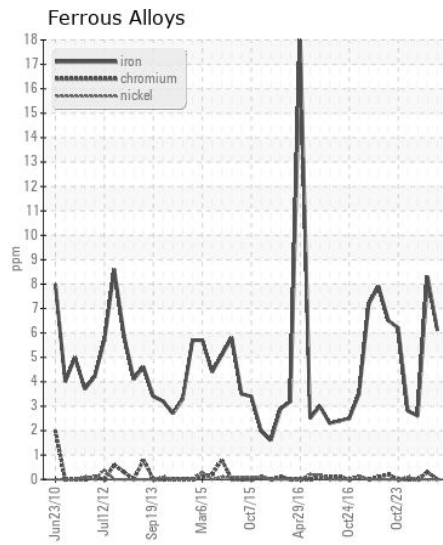
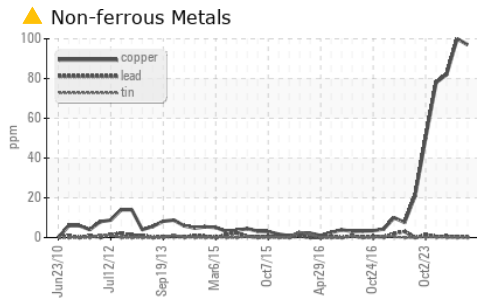
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW0062963</b>	MW0063115	MW0062958
Sample Date		Client Info		<b>02 May 2024</b>	01 Mar 2024	01 Dec 2023
Machine Age	hrs	Client Info		<b>17505</b>	16492	16241
Oil Age	hrs	Client Info		<b>224</b>	1586	920
Filter Age	hrs	Client Info		<b>224</b>	1586	920
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>150	<b>6</b>	8	3
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	3	<1
Lead	ppm	ASTM D5185m	>100	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>50	<b>▲ 97</b>	<b>▲ 100</b>	<b>▲ 82</b>
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	<b>2</b>	3	2
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	1	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>4</b>	<1	2
Boron	ppm	ASTM D5185m	0	<b>45</b>	39	32
Barium	ppm	ASTM D5185m		<b>2</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>102</b>	112	91
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m	432	<b>47</b>	47	44
Calcium	ppm	ASTM D5185m	1121	<b>2683</b>	2673	2379
Phosphorus	ppm	ASTM D5185m	996	<b>1072</b>	1169	962
Zinc	ppm	ASTM D5185m	881	<b>1158</b>	1175	1060
Sulfur	ppm	ASTM D5185m		<b>3903</b>	3903	3044
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.39</b>	1.45	2.058
Visc @ 40°C	cSt	ASTM D445	142.1	<b>122</b>	122	121



Certificate L2367

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

**Sample No.** : MW0062963

**Lab Number** : 06176190

**Unique Number** : 11022243

**Test Package** : MAR 2

**Received** : 10 May 2024

**Tested** : 13 May 2024

**Diagnosed** : 14 May 2024 - Sean Felton

**INGRAM BARGE**

900 S 3RD ST

PADUCAH, KY

US 42003

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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)