



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**

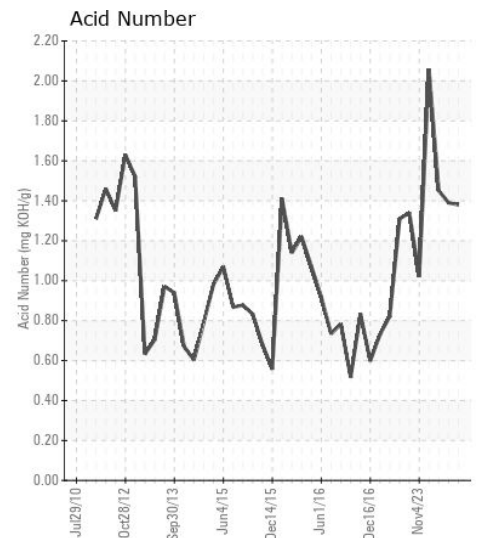
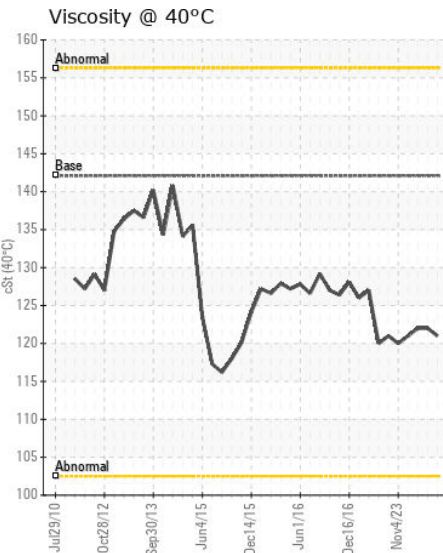
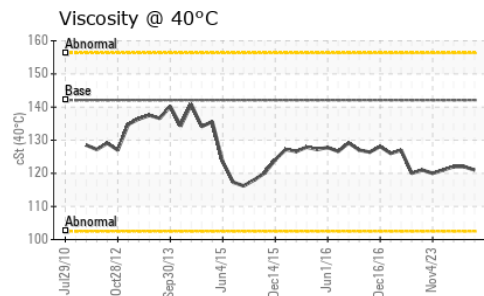
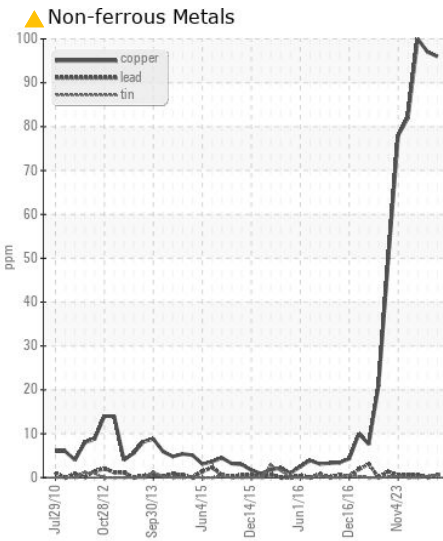
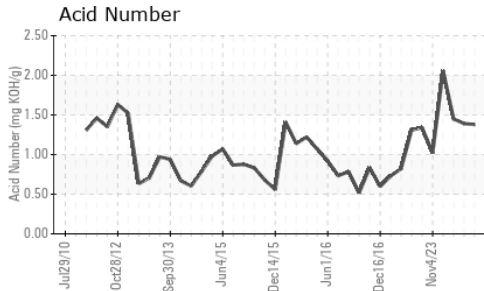
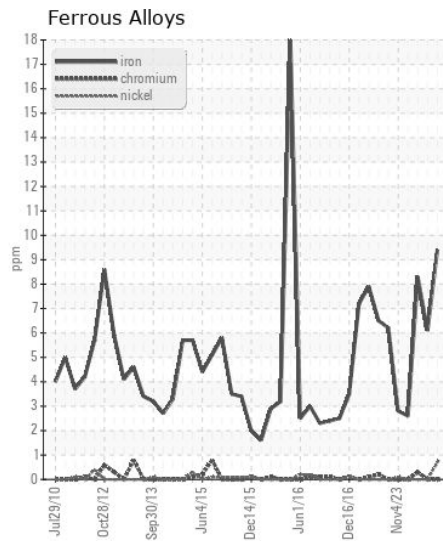
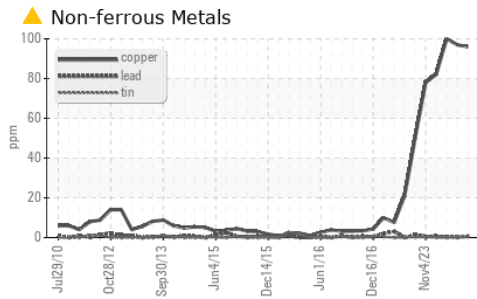
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW0072197</b>	MW0062963	MW0063115
Sample Date		Client Info		<b>03 Jun 2024</b>	02 May 2024	01 Mar 2024
Machine Age	hrs	Client Info		<b>17712</b>	17505	16492
Oil Age	hrs	Client Info		<b>2411</b>	224	1586
Filter Age	hrs	Client Info		<b>2411</b>	224	1586
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>9</b>	6	8
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	<1	3
Lead	ppm	ASTM D5185m	>100	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>50	<b>▲ 96</b>	▲ 97	▲ 100
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	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>3</b>	2	3
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	1
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>5</b>	4	<1
Boron	ppm	ASTM D5185m	0	<b>37</b>	45	39
Barium	ppm	ASTM D5185m		<b>0</b>	2	0
Molybdenum	ppm	ASTM D5185m	0	<b>97</b>	102	112
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185m	432	<b>50</b>	47	47
Calcium	ppm	ASTM D5185m	1121	<b>2675</b>	2683	2673
Phosphorus	ppm	ASTM D5185m	996	<b>1076</b>	1072	1169
Zinc	ppm	ASTM D5185m	881	<b>1143</b>	1158	1175
Sulfur	ppm	ASTM D5185m		<b>3964</b>	3903	3903
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.38</b>	1.39	1.45
Visc @ 40°C	cSt	ASTM D445	142.1	<b>121</b>	122	122



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : MW0072197  
**Lab Number** : 06212528  
**Unique Number** : 11085392  
**Test Package** : MAR 2  
**Received** : 17 Jun 2024  
**Tested** : 19 Jun 2024  
**Diagnosed** : 19 Jun 2024 - Angela Borella

**INGRAM BARGE**  
 900 S 3RD ST  
 PADUCAH, KY  
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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)