



# PROBLEM SUMMARY

Sample Rating Trend



## CONTAMINANT



Machine Id  
**B2560 - BAE SYSTEM**  
 Component  
**Cutting Fluid**  
 Fluid  
**HOUGHTON HOCUT® 795 MP (--- GAL)**

### COMPONENT CONDITION SUMMARY

No relevant graphs to display

### RECOMMENDATION

This is a baseline read-out on the submitted sample.

### PROBLEMATIC TEST RESULTS

Sample Status			ATTENTION	---	---
Chlorine	ppm	ASTM D6130	▲ 762	---	---

**Customer Id:** MOTYOR  
**Sample No.:** WC0774442  
**Lab Number:** 05755440  
**Test Package:** IND 2



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To discuss the diagnosis or test data:  
 Doug Bogart +1 (800)237-1369 x4016  
[dougb@wearcheckusa.com](mailto:dougb@wearcheckusa.com)

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

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS



# COOLANT REPORT

Sample Rating Trend



CONTAMINANT



Machine Id  
**B2560 - BAE SYSTEM**  
 Component  
**Cutting Fluid**  
 Fluid  
**HOUGHTON HOCUT® 795 MP (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

This is a baseline read-out on the submitted sample.

### Wear

All metal levels are normal indicating no corrosion in the fluid.

### ▲ Contamination

Appearance is unlike product specification.

### ▲ Fluid Condition

Additive levels indicate the addition of a different brand, or type of cutting fluid. Confirm oil type. The pH level of this fluid is within the acceptable limits at 8.8. Sulfur high at 762 (Sulfur Free product specification).

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0774442</b>	---	---
Sample Date	Client Info		<b>30 Jan 2023</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ATTENTION</b>	---	---

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.000</b>	---	---
pH	Scale 0-14 ASTM D1287		<b>8.75</b>	---	---
Nitrites	ppm AP-053:2009		<b>412</b>	---	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>0.0</b>	---	---
Freezing Point	°F ASTM D3321		<b>OR</b>	---	---
Total Dissolved Solids			<b>217.5</b>	---	---
Carboxylate			<b>n/a</b>	---	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		<b>28</b>	---	---
Phosphorus	ppm ASTM D6130		<b>0</b>	---	---
Boron	ppm ASTM D6130		<b>717</b>	---	---
Molybdenum	ppm ASTM D6130		<b>0</b>	---	---

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130		<b>40</b>	---	---
Aluminum	ppm ASTM D6130		<b>16</b>	---	---
Copper	ppm ASTM D6130		<b>6</b>	---	---
Lead	ppm ASTM D6130		<b>&lt;1</b>	---	---
Tin	ppm ASTM D6130		<b>0</b>	---	---
Zinc	ppm ASTM D6130		<b>19</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>▲ 762</b>	---	---

## CARRIER SALTS

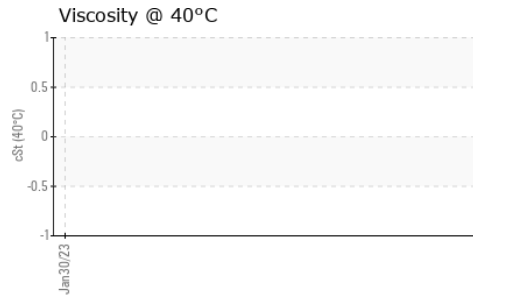
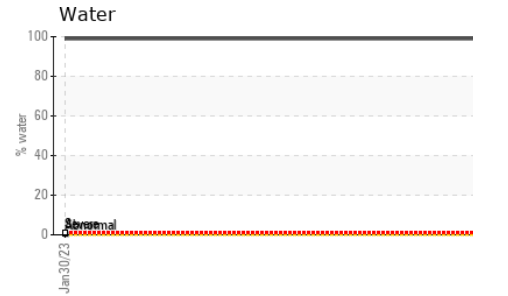
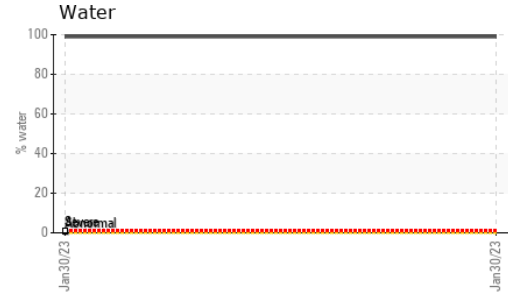
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>1161</b>	---	---
Potassium	ppm ASTM D6130		<b>202</b>	---	---



## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>54</b>	---	---
Magnesium	ppm ASTM D6130		<b>247</b>	---	---

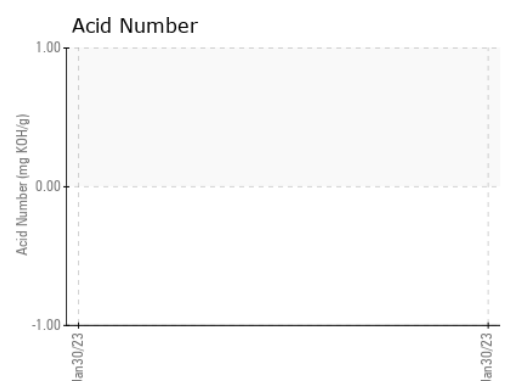
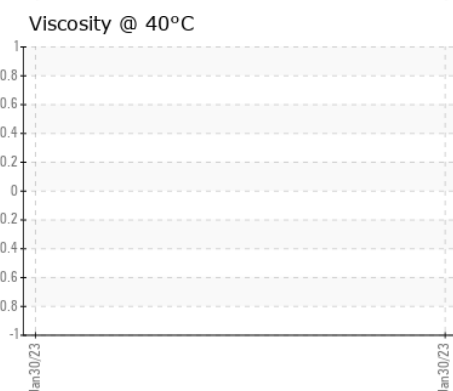
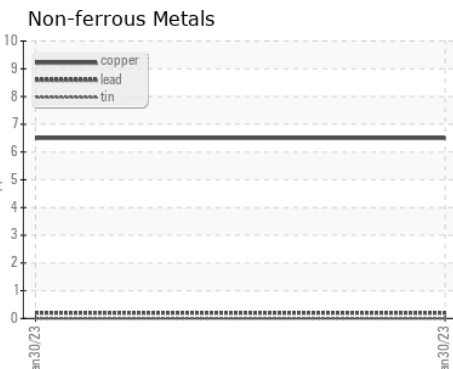
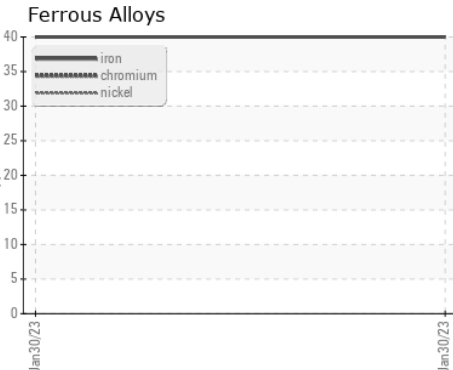


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Yllow</b>	---	---
Coolant Appearance	*Visual	Clear	<b>normal</b>	---	---
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0774442 **Received** : 31 Jan 2023  
**Lab Number** : 05755440 **Diagnosed** : 02 Feb 2023  
**Unique Number** : 10320047 **Diagnostician** : Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: COOL )

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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)