

PROBLEM SUMMARY

Sample Rating Trend

CONTAMINANT

B2560 - BAE SYSTEM

Component **Cutting 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			ATTI	ENTION				
Chlorine	ppm	ASTM D6130	<u> ^</u> 76	62				

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



To manage this report scan the QR code

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

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



COOLANT REPORT

Sample Rating Trend



Machine Id

B2560 - BAE SYSTEM

Component

Cutting 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

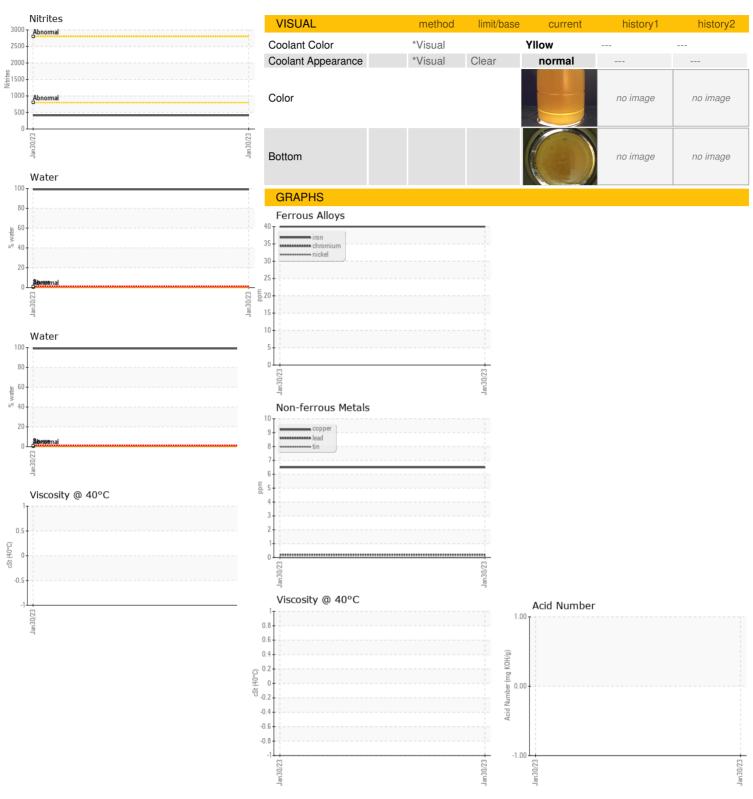
Additive levels indicate the addition of a different brand, or type of cutting fluid. Confirm oil type. The pH level of this fluid is within the acceptable limits at 8.8. Sulfur high at 762 (Sulfur Free product specification).

Sample Date Client Info 30 Jan 2023				J	an 2023		
Sample Date Client Info 30 Jan 2023	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age	Sample Number		Client Info		WC0774442		
Oil Age hrs Client Info N/A	Sample Date		Client Info		30 Jan 2023		
Coling Coling	Machine Age	hrs	Client Info		0		
ATTENTION PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity 'ASTM D1298 1.000 PH	Oil Age	hrs	Client Info		0		
PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity "ASTM D1298 1.000 pH Scale 0+14 ASTM D1287 8.75 Nitrites ppm AP-053:2009 412 Reserve Alkalinity Scale 0+20 "ASTM D3321 0.0 Percentage Glycol % ASTM D3321 0.0 Freezing Point "F ASTM D3321 OR Total Dissolved Solids 217.5 Carboxylate n/a CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 28 CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 717 Born ppm ASTM D6130	Oil Changed		Client Info		N/A		
Specific Gravity	Sample Status				ATTENTION		
pH Scale 0-14 ASTM D1287 8.75 Nitrites ppm AP-053:2009 412 Reserve Alkalinity Scale 0-20 "ASTM D1321 0.0 Percentage Glycol % ASTM D3321 0R Total Dissolved Solids 217.5 Carboxylate n/a CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 28 Phosphorus ppm ASTM D6130 0 Boron ppm ASTM D6130 717 Molybdenum ppm ASTM D6130 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 40	PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Nitrites	Specific Gravity		*ASTM D1298		1.000		
Reserve Alkalinity Scale 0-20 "ASTM D1121	рΗ	Scale 0-14	ASTM D1287		8.75		
Percentage Glycol % ASTM D3321 0.0 Freezing Point °F ASTM D3321 OR Total Dissolved Solids 217.5 Carboxylate n/a CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 28 Phosphorus ppm ASTM D6130 0 Boron ppm ASTM D6130 0 Molybdenum ppm ASTM D6130 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 40 Copper ppm ASTM D6130 16 Copper ppm ASTM D6130 <1	Nitrites	ppm	AP-053:2009		412		
Freezing Point °F ASTM D3321 OR Total Dissolved Solids 217.5 Carboxylate n/a CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 0 Phosphorus ppm ASTM D6130 717 Boron ppm ASTM D6130 0 Molybdenum ppm ASTM D6130 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 40 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 40 Copper ppm ASTM D6130 41	Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Total Dissolved Solids	Percentage Glycol	%	ASTM D3321		0.0		
Carboxylate n/a CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 28 Phosphorus ppm ASTM D6130 0 Boron ppm ASTM D6130 717 Molybdenum ppm ASTM D6130 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 40 Corrent ppm ASTM D6130 16 Copper ppm ASTM D6130 6 Lead ppm ASTM D6130 <1	Freezing Point	°F	ASTM D3321		OR		
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Boron	Silicon	ppm	ASTM D6130		28		
Molybdenum ppm ASTM D6130 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 40 Aluminum ppm ASTM D6130 16 Copper ppm ASTM D6130 6 Lead ppm ASTM D6130 0 Tin ppm ASTM D6130 0 Zinc ppm ASTM D6130 19 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 1161 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 202 SCALE POTENTIAL method limit/base current	Phosphorus	ppm	ASTM D6130		0		
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Copper ppm ASTM D6130 6 Lead ppm ASTM D6130 <1	Iron	ppm	ASTM D6130		40		
Lead ppm ASTM D6130 <1	Aluminum	ppm	ASTM D6130		16		
Tin ppm ASTM D6130 0 Zinc ppm ASTM D6130 19 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 ▲ 762 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 1161 Potassium ppm ASTM D6130 202 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 54	Copper	ppm	ASTM D6130		6		
Zinc ppm ASTM D6130 19 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130	Lead	ppm	ASTM D6130		<1		
CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130	Tin	ppm	ASTM D6130		0		
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CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 1161 Potassium ppm ASTM D6130 202 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 54	CONTAMINANTS		method	limit/base	current	history1	history2
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Potassium ppm ASTM D6130 202 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 54	CARRIER SALTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D6130 202 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 54	Sodium	ppm	ASTM D6130		1161		
Calcium ppm ASTM D6130 54	Potassium		ASTM D6130				
P. T. T. T.	SCALE POTENTI	AL	method	limit/base	current	history1	history2
	Calcium	ppm	ASTM D6130		54		
	Magnesium	ppm					

Contact/Location: Bill Trimmer - MOTYOR



COOLANT REPORT





Laboratory Sample No. Lab Number

Unique Number : 10320047

: WC0774442 : 05755440

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 Jan 2023 Diagnosed : 02 Feb 2023

Diagnostician : Doug Bogart Test Package : IND 2 (Additional Tests: COOL)

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. MOTOR TECHNOLOGY INC

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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)