

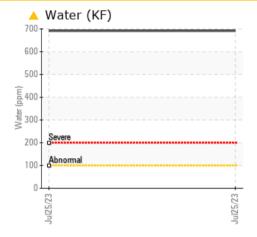
# **PROBLEM SUMMARY**

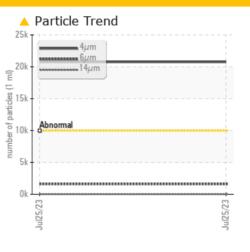
### Area [1826315] Machine Id DUNHAM BUSH CHILLER 2 COMP 3 - AUGUSTA Component

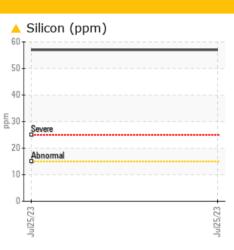
Chiller Fluid

NOT GIVEN (--- GAL)

## COMPONENT CONDITION SUMMARY







## RECOMMENDATION

We recommend an early resample to monitor this condition. Please specify the brand and viscosity of the oil on your next sample.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL				
Silicon	ppm	ASTM D5185m	>15	🔺 57				
Water	%	ASTM D6304	>0.01	<b>0.069</b>				
ppm Water	ppm	ASTM D6304	>100	<u> </u>				
Particles >4µm		ASTM D7647	>10000	🔺 20756				
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>A</b> 22/18/12				

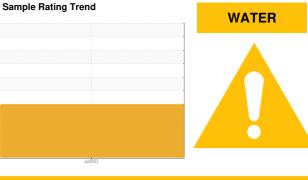
Customer Id: XAEMID Sample No.: WC0507059 Lab Number: 05981955 Test Package: IND 2



To manage this report scan the QR code

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

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



RECOMMENDED AG	CTIONS			
Action	Status	Date	Done By	Description
Resample			?	We recommend an early resample to monitor this condition.
Information Required			?	Please specify the brand, type, and viscosity of the oil on your next sample.

HISTORICAL DIAGNOSIS



## **OIL ANALYSIS REPORT**

#### Area [1826315] Machine Id DUNHAM BUSH CHILLER 2 COMP 3 - AUGUSTA Component

## NOT GIVEN (--- GAL)

## DIAGNOSIS

### Recommendation

We recommend an early resample to monitor this condition. Please specify the brand and viscosity of the oil on your next sample.

## Wear

All component wear rates are normal.

## Contamination

There is a high amount of silt (particulates < 6 microns in size) present in the oil. There is a light concentration of water present in the oil. Elemental level of silicon (Si) above normal.

### Fluid Condition

The AN level is acceptable for this fluid.

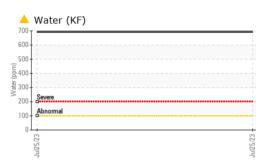
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185n     >8     <1         Chromium     ppm     ASTM D5185n     0         Nickel     ppm     ASTM D5185n     2     0         Silver     ppm     ASTM D5185n     >2     0         Aluminum     ppm     ASTM D5185n     >2     0         Lead     ppm     ASTM D5185n     >2     0         Copper     ppm     ASTM D5185n     >4     -1         Vanadium     ppm     ASTM D5185n     >4     -1         ADDITIVES     method     Imit/base     current     history1     history2       Barium     ppm     ASTM D5185n     0         Maganese     ppm     ASTM D5185n     0					Jul2023		
Sample Date     Client Info     25 Jul 2023         Machine Age     hrs     Client Info     0         Oil Age     hrs     Client Info     0         Sample Status     Client Info     N/A         WEAR METALS     method     Imitbase     current     history1     history2       Iron     ppm     ASTM 05165n     >8     <1         WEAR METALS     method     Imitbase     current     history1     history2       Iron     ppm     ASTM 05165n     >8     <1         Nickel     ppm     ASTM 05165n     >2     0         Aluminum     ppm     ASTM 05165n     >2     0         Capper     ppm     ASTM 05165n     >4     <1         Vanadium     ppm     ASTM 05165n     3          Admainum	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date     Client Info     25 Jul 2023         Machine Age     hrs     Client Info     0         Oil Age     hrs     Client Info     0         Sample Status     Client Info     N/A         WEAR METALS     method     Imit/base     current     history1     history2       Iron     ppm     ASTM 05185m     >8     <1	Sample Number		Client Info		WC0507059		
Oil Age     hrs     Client Info     0         Oil Changed     Client Info     N/A         WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >2     0         Nickel     ppm     ASTM D5185m     >2     0         Nickel     ppm     ASTM D5185m     >2     0         Auminum     ppm     ASTM D5185m     >2     0         Auminum     ppm     ASTM D5185m     >2     0         Auminum     ppm     ASTM D5185m     >2     0         Aumatum     ppm     ASTM D5185m     >2     0         Cadmium     ppm     ASTM D5185m      <1	Sample Date		Client Info		25 Jul 2023		
Oil Age     hrs     Client Info     N/A         Sample Status     Client Info     N/A         WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >2     0         Nickel     ppm     ASTM D5185m     >2     0         Silver     ppm     ASTM D5185m     >2     0         Aluminum     ppm     ASTM D5185m     >2     0         Astmotistism     0           Astm D5185m     0          Astm	•	hrs	Client Info		0		
Oil Changed     Client Info     N/A         Sample Status     Image Status	Oil Age	hrs	Client Info		0		
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185n     >8     <1	-		Client Info		N/A		
Iron   ppm   ASTM D5185m   >8   <1       Nickel   ppm   ASTM D5185m   >2   0       Nickel   ppm   ASTM D5185m   0       Silver   ppm   ASTM D5185m   >2   0       Aluminum   ppm   ASTM D5185m   >2   0       Lead   ppm   ASTM D5185m   >2   0       Copper   ppm   ASTM D5185m   >4   <1	Sample Status				ABNORMAL		
Ppr     ASTM D5185m     >2     0         Nickel     ppm     ASTM D5185m     0         Silver     ppm     ASTM D5185m     >2     0         Aluminum     ppm     ASTM D5185m     >2     0         Lead     ppm     ASTM D5185m     >2     0         Copper     ppm     ASTM D5185m     >2     0         Vanadium     ppm     ASTM D5185m     >2     0         Vanadium     ppm     ASTM D5185m     >4     <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     0         Titanium     ppm     ASTM D5185m     2     0         Silver     ppm     ASTM D5185m     >2     0         Aluminum     ppm     ASTM D5185m     >2     0         Aluminum     ppm     ASTM D5185m     >2     0         Copper     ppm     ASTM D5185m     >2     0         Vanadium     ppm     ASTM D5185m     >4     <1	Iron	ppm	ASTM D5185m	>8	<1		
Titanium   ppm   ASTM D5185m   0       Silver   ppm   ASTM D5185m   >2   0       Aluminum   ppm   ASTM D5185m   >3   0       Lead   ppm   ASTM D5185m   >2   0       Copper   ppm   ASTM D5185m   >2   0       Vanadium   ppm   ASTM D5185m   >4   <1	Chromium	ppm	ASTM D5185m	>2	0		
Silver     ppm     ASTM D5185m     >2     0         Aluminum     ppm     ASTM D5185m     >3     0         Lead     ppm     ASTM D5185m     >2     0         Copper     ppm     ASTM D5185m     >2     0         Vanadium     ppm     ASTM D5185m     >2     0         Vanadium     ppm     ASTM D5185m     >4     <1	Nickel	ppm	ASTM D5185m		0		
Aluminum   ppm   ASTM D5185m   >3   0       Lead   ppm   ASTM D5185m   >2   0       Copper   ppm   ASTM D5185m   >2   0       Vanadium   ppm   ASTM D5185m   >4   <1	Titanium	ppm	ASTM D5185m		0		
Lead     ppm     ASTM D5185m     >2     0         Copper     ppm     ASTM D5185m     >4     <1	Silver	ppm	ASTM D5185m	>2	0		
Lead     ppm     ASTM D5185m     >2     0         Copper     ppm     ASTM D5185m     >4     <1	Aluminum	ppm	ASTM D5185m	>3	0		
Copper     ppm     ASTM D5185m     >8     0         Tin     ppm     ASTM D5185m     >4     <1	Lead				0		
Tin   ppm   ASTM D5185m   >4   <1       Vanadium   ppm   ASTM D5185m   0       ADDITIVES   method   limit/base   current   history1   history2     Boron   ppm   ASTM D5185m   0       ADDITIVES   method   limit/base   current   history1   history2     Barium   ppm   ASTM D5185m   0       Magaese   ppm   ASTM D5185m   0       Magaese   ppm   ASTM D5185m   0       Magnesium   ppm   ASTM D5185m   0       Calcium   ppm   ASTM D5185m   0       Sulfur   ppm   ASTM D5185m   5       Sulfur   ppm   ASTM D5185m   5       Sulfur   ppm   ASTM D5185m   >10   0       Sulfur   ppm   ASTM D5185m   >20	Copper			>8	0		
Vanadium     ppm     ASTM D5185m     0         Cadmium     ppm     ASTM D5185m     <1					-		
CadmiumppmASTM D5185m<1ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0BariumppmASTM D5185m0ManganeseppmASTM D5185m0ManganeseppmASTM D5185m0CalciumppmASTM D5185m0CalciumppmASTM D5185m0CalciumppmASTM D5185m0CalciumppmASTM D5185m5SulfurppmASTM D5185m5SulfurppmASTM D5185m6CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1557SodiumppmASTM D5185m>202PotassiumppmASTM D6304>0.010.069Putter%ASTM D7647>2004691.8FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>200Particles >4µmASTM D7647>200Particles >38µmASTM D7647>40	Vanadium						
Boron     ppm     ASTM D5185m     0         Barium     ppm     ASTM D5185m     3         Molybdenum     ppm     ASTM D5185m     0         Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     5         Slicon     ppm     ASTM D5185m     5         SUlfur     ppm     ASTM D5185m     57         Sodium     ppm     ASTM D5185m     >15     57         Sodium     ppm     ASTM D5185m     >20     2         Water     %     ASTM D6304     >0.01     0	Cadmium				-		
Barium     ppm     ASTM D5185m     3         Molybdenum     ppm     ASTM D5185m     0         Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     5         Sulfur     ppm     ASTM D5185m     55         Sulfur     ppm     ASTM D5185m     57         Sodium     ppm     ASTM D5185m     >20     2         Potassium     ppm     ASTM D5185m     >20     2         Water     %     ASTM D6304     >0.01     0.069         Particles >4µm     ASTM D647     >10000 </td <td>ADDITIVES</td> <td></td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	ADDITIVES		method	limit/base	current	history1	history2
Barium     ppm     ASTM D5185m     3         Molybdenum     ppm     ASTM D5185m     0         Maganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     5         Sulfur     ppm     ASTM D5185m     5         Sulfur     ppm     ASTM D5185m     57         Sodium     ppm     ASTM D5185m     >20     2         Sodium     ppm     ASTM D5185m     >20     2         Potassium     ppm     ASTM D5185m     >20     2         Patticles >4µm     ASTM D6304     >0.01 <td>Boron</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <td>0</td> <td></td> <td></td>	Boron	ppm	ASTM D5185m		0		
Molybdenum     ppm     ASTM D5185m     0         Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Calcium     ppm     ASTM D5185m     0         Zinc     ppm     ASTM D5185m     3         Sulfur     ppm     ASTM D5185m     6         Sulfur     ppm     ASTM D5185m     6         Sodium     ppm     ASTM D5185m     >15     \$77         Sodium     ppm     ASTM D5185m     >0          Sodium     ppm     ASTM D5185m     >20     2         Potassium     ppm     ASTM D6304     >0.01     0.0699         ppm Water     pm	Barium		ASTM D5185m		3		
Manganese   ppm   ASTM D5185m   0       Magnesium   ppm   ASTM D5185m   0       Calcium   ppm   ASTM D5185m   0       Phosphorus   ppm   ASTM D5185m   3       Zinc   ppm   ASTM D5185m   5       Sulfur   ppm   ASTM D5185m   6       SUlfur   ppm   ASTM D5185m   6       Solicon   ppm   ASTM D5185m   >15   57       Sodium   ppm   ASTM D5185m   >20   2       Yeater   %   ASTM D6304   >0.01   0.069       Water   ppm   ASTM D6304   >100   691.8       Patricles >4µm   ASTM D7647   >2000        Patricles >4µm   ASTM D7647   >200   0       Patricles >4µm <td< td=""><td>Molvbdenum</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Molvbdenum						
Magnesium   ppm   ASTM D5185m   0       Calcium   ppm   ASTM D5185m   0       Phosphorus   ppm   ASTM D5185m   3       Zinc   ppm   ASTM D5185m   5       Sulfur   ppm   ASTM D5185m   6       CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >15   57       Sodium   ppm   ASTM D5185m   >20   2       Yeater   %   ASTM D5185m   >20   2       Water   %   ASTM D6304   >0.01   0.0669       ppm Water   ppm   ASTM D7647   >1000   €91.8       Particles >4µm   ASTM D7647   >10000   £00756       Particles >6µm   ASTM D7647   >2500   1620	-				-		
Calcium     ppm     ASTM D5185m     0         Phosphorus     ppm     ASTM D5185m     3         Zinc     ppm     ASTM D5185m     5         Sulfur     ppm     ASTM D5185m     6         CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     ▲ 57         Sodium     ppm     ASTM D5185m     >15     ▲ 57         Sodium     ppm     ASTM D5185m     >20     2         Potassium     ppm     ASTM D5185m     >20     2         Water     %     ASTM D5044     >0.01     ▲ 0.069         ppm Water     ppm     ASTM D7647     >10000     ▲ 20756         Particles >4µm     ASTM D7647     >2500     1620	•						
PhosphorusppmASTM D5185m3ZincppmASTM D5185m5SulfurppmASTM D5185m6CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>1557SodiumppmASTM D5185m>202PotassiumppmASTM D5185m>202Water%ASTM D5185m>202ppmASTM D5185m>202Water%ASTM D5185m>202ppm WaterppmASTM D6304>0.010.069ppt WaterppmASTM D7647>1000020756Particles >4µmASTM D7647>25001620Particles >4µmASTM D7647>32021Particles >1µmASTM D7647>200Particles >38µmASTM D7647>200Particles >71µmASTM D7647>40Oil CleanlinessISO 4406 (c)>20/18/1522/18/12FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	-				-		
Zinc     ppm     ASTM D5185m     5         Sulfur     ppm     ASTM D5185m     6         CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     ▲ 57         Sodium     ppm     ASTM D5185m     >15     ▲ 57         Potassium     ppm     ASTM D5185m     >20     2         Water     %     ASTM D6304     >0.01     ▲ 0.069         ppm Water     ppm     ASTM D6304     >100     ▲ 691.8         FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     ▲ 20756         Particles >6µm     ASTM D7647     >320     21         Particles >21µm     ASTM D7647     >20     0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
SulfurppmASTM D5185m6CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>15▲ 57SodiumppmASTM D5185m>202PotassiumppmASTM D6304>0.01▲ 0.069Water%ASTM D6304>100▲ 691.8ppm WaterppmASTM D7647>10000▲ 20756FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>25001620Particles >6µmASTM D7647>32021Particles >1µmASTM D7647>200Particles >38µmASTM D7647>40Qil CleanlinessISO 4406 (c)>20/18/1522/18/12FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2							
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>15▲ 57SodiumppmASTM D5185m>0PotassiumppmASTM D5185m>202Water%ASTM D6304>0.01▲ 0.069ppm WaterppmASTM D6304>100▲ 691.8FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>10000▲ 20756Particles >6µmASTM D7647>25001620Particles >14µmASTM D7647>32021Particles >21µmASTM D7647>200Particles >38µmASTM D7647>200Oil CleanlinessISO 4406 (c)>20/18/1522/18/12FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	-						
Silicon   ppm   ASTM D5185m   >15   ▲ 57       Sodium   ppm   ASTM D5185m   0       Potassium   ppm   ASTM D5185m   >20   2       Water   %   ASTM D6304   >0.01   ▲ 0.069       Water   ppm   ASTM D6304   >100   ▲ 691.8       FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >10000   ▲ 20756       Particles >6µm   ASTM D7647   >2500   1620       Particles >1µm   ASTM D7647   >320   21       Particles >1µm   ASTM D7647   >80   5       Particles >38µm   ASTM D7647   >20   0       Particles >71µm   ASTM D7647   >4   0       Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/18/12 </td <td></td> <td></td> <td></td> <td>11 1. 11</td> <td></td> <td></td> <td></td>				11 1. 11			
Sodium     ppm     ASTM D5185m     0         Potassium     ppm     ASTM D5185m     >20     2         Water     %     ASTM D6304     >0.01     0.0699         ppm Water     ppm     ASTM D6304     >100     ▲ 691.8         FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     ▲ 20756         Particles >6µm     ASTM D7647     >2500     1620         Particles >14µm     ASTM D7647     >320     21         Particles >14µm     ASTM D7647     >80     5         Particles >38µm     ASTM D7647     >20     0         Particles >71µm     ASTM D7647     >4     0         Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/18/12						history1	history2
Potassium   ppm   ASTM D5185m   >20   2       Water   %   ASTM D6304   >0.01   0.069       ppm Water   ppm   ASTM D6304   >100   691.8       FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >10000   20756       Particles >6µm   ASTM D7647   >2500   1620       Particles >14µm   ASTM D7647   >320   21       Particles >14µm   ASTM D7647   >20   0       Particles >14µm   ASTM D7647   >20   0       Particles >21µm   ASTM D7647   20   0       Particles >38µm   ASTM D7647   >4   0       Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/18/12       FLUID DEGRADATION   method   limit/base   current   <				>15	<u> </u>		
Water   %   ASTM D6304   >0.01   ▲ 0.069       ppm Water   ppm   ASTM D6304   >100   ▲ 691.8       FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >10000   ▲ 20756       Particles >6µm   ASTM D7647   >2500   1620       Particles >14µm   ASTM D7647   >320   21       Particles >14µm   ASTM D7647   >80   5       Particles >21µm   ASTM D7647   >20   0       Particles >38µm   ASTM D7647   >20   0       Particles >71µm   ASTM D7647   >4   0       Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/18/12       FLUID DEGRADATION   method   limit/base   current   history1   history2	Sodium	ppm			-		
ppm Water     ppm     ASTM D6304     >100     ▲ 691.8         FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >10000     ▲ 20756         Particles >6µm     ASTM D7647     >2500     1620         Particles >6µm     ASTM D7647     >320     21         Particles >14µm     ASTM D7647     >320     21         Particles >21µm     ASTM D7647     >20     0         Particles >38µm     ASTM D7647     >20     0         Particles >71µm     ASTM D7647     >4     0         Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/18/12         FLUID DEGRADATION     method     limit/base     current     history1     history2	Potassium	ppm			2		
FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >10000   ▲ 20756       Particles >6µm   ASTM D7647   >2500   1620       Particles >6µm   ASTM D7647   >320   21       Particles >14µm   ASTM D7647   >320   21       Particles >21µm   ASTM D7647   >80   5       Particles >38µm   ASTM D7647   >20   0       Particles >38µm   ASTM D7647   >4   0       Particles >71µm   ASTM D7647   >4   0       Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/18/12       FLUID DEGRADATION   method   limit/base   current   history1   history2	Water	%	ASTM D6304	>0.01			
Particles >4μm   ASTM D7647   >10000   ▲ 20756       Particles >6μm   ASTM D7647   >2500   1620       Particles >14μm   ASTM D7647   >320   21       Particles >14μm   ASTM D7647   >320   21       Particles >21μm   ASTM D7647   >80   5       Particles >38μm   ASTM D7647   >20   0       Particles >38μm   ASTM D7647   >4   0       Particles >71μm   ASTM D7647   >4   0       Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/18/12       FLUID DEGRADATION   method   limit/base   current   history1   history2	ppm Water	ppm	ASTM D6304	>100	<b>691.8</b>		
Particles >6μm     ASTM D7647     >2500     1620         Particles >14μm     ASTM D7647     >320     21         Particles >14μm     ASTM D7647     >320     21         Particles >21μm     ASTM D7647     >80     5         Particles >38μm     ASTM D7647     >20     0         Particles >38μm     ASTM D7647     >4     0         Particles >71μm     ASTM D7647     >4     0         Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/18/12         FLUID DEGRADATION     method     limit/base     current     history1     history2	FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >14µm   ASTM D7647   >320   21       Particles >21µm   ASTM D7647   >80   5       Particles >38µm   ASTM D7647   >20   0       Particles >38µm   ASTM D7647   >20   0       Particles >71µm   ASTM D7647   >4   0       Oil Cleanliness   ISO 4406 (c)   >20/18/15   22/18/12       FLUID DEGRADATION   method   limit/base   current   history1   history2	Particles >4µm		ASTM D7647	>10000	<b>A</b> 20756		
Particles >21μm     ASTM D7647     >80     5         Particles >38μm     ASTM D7647     >20     0         Particles >37μm     ASTM D7647     >4     0         Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/18/12         FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >6µm		ASTM D7647	>2500	1620		
Particles >38μm     ASTM D7647     >20     0         Particles >71μm     ASTM D7647     >4     0         Oil Cleanliness     ISO 4406 (c)     >20/18/15     22/18/12         FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >14µm		ASTM D7647	>320	21		
Particles >71μm     ASTM D7647     >4     0         Oil Cleanliness     ISO 4406 (c)     >20/18/15     ▲ 22/18/12         FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >21µm		ASTM D7647	>80	5		
Oil Cleanliness   ISO 4406 (c) >20/18/15   22/18/12      FLUID DEGRADATION   method   limit/base   current   history1   history2	Particles >38µm		ASTM D7647	>20	0		
Oil Cleanliness   ISO 4406 (c) >20/18/15   22/18/12      FLUID DEGRADATION   method   limit/base   current   history1   history2			ASTM D7647	>4	0		
			ISO 4406 (c)	>20/18/15	<b>A</b> 22/18/12		
Acid Number (AN) mg KOH/g ASTM D8045 0.014	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.014		

Sample Rating Trend

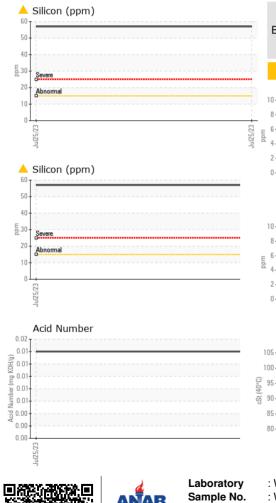
WATER

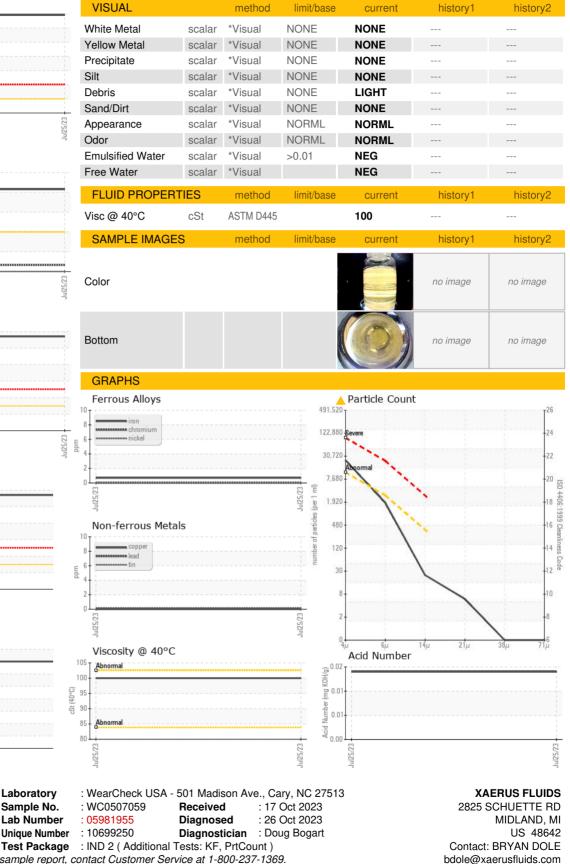


# **OIL ANALYSIS REPORT**









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)

Certificate L2367

Lab Number

Unique Number

T:

F: