

## **OIL ANALYSIS REPORT**

### Area DAYTON FREIGHT Machine Id DAYTON FREIGHT 423807

Rear Differential

{not provided} (--- GAL)

## DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, 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 < 14 microns in size) present in the oil.

#### Fluid Condition

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

Sample Number     Client Info     WC0900803     WC0853845        Sample Date     Client Info     103791     25287        Machine Age     mils     Client Info     103791     25287        Oil Age     mils     Client Info     0     0        Oil Changed     Client Info     N/A     N/A        WEAR METALS     method     limit/base     current     history1     /       Nickel     ppm     ASTM 05185n     >500     415     187        Nickel     ppm     ASTM 05185n     >10     10     4        Riuminum     ppm     ASTM 05185n     >10     10         Silver     ppm     ASTM 05185n     >25     2     0         Auminum     ppm     ASTM 05185n     >10     <1     0        Auminum     ppm     ASTM 05185n     <1     0        Copper <td< th=""><th></th><th></th><th></th><th>AUG2U23</th><th>Marzuz4</th><th></th><th></th></td<>				AUG2U23	Marzuz4		
Sample Date     Client Info     20 Mar 2024     17 Aug 2023        Machine Age     mis     Client Info     103791     25287        Oil Age     mis     Client Info     0     0        Sample Status     Client Info     N/A     N/A     ABNORMAL        WEAR METALS     method     Imit/base     current     history1     history2       Vica     ppm     ASTM 05185m     >500     415     187        Nickel     ppm     ASTM 05185m     >10     6     3        Nickel     ppm     ASTM 05185m     >10     10     4        Silver     ppm     ASTM 05185m     >25     2     0        Copper     ppm     ASTM 05185m     >10     2     0        Vanadium     ppm     ASTM 05185m     <1     0        Kardinum     ppm     ASTM 05185m     126         Mouninum	SAMPLE INFORM	<b>MATION</b>	method	limit/base	current	history1	history2
Machine Age     mis     Client Info     103791     25287        Oil Age     mis     Client Info     0     0        Oil Age     Client Info     N/A     N/A     N/A        Sample Status     Imitbase     Current     history1     history2       Iron     ppm     ASTM D5185n     >500     415     187        Chromium     ppm     ASTM D5185n     >10     6     3        Silver     ppm     ASTM D5185n     >10     10     4        Aluminum     ppm     ASTM D5185n     >25     2     0        Silver     ppm     ASTM D5185n     >10     21     0        Aduminum     ppm     ASTM D5185n     <1	Sample Number		Client Info		WC0900803	WC0853845	
Oil Age     mis     Client Info     0     0        Oil Changed     Client Info     N/A     N/A     ABNORMAL     ABNORMAL        WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM 05185m     >500     415     187        Nickel     ppm     ASTM 05185m     >10     6     3        Silver     ppm     ASTM 05185m     >10     10     4        Silver     ppm     ASTM 05185m     >10     0         Copper     ppm     ASTM 05185m     >10     2     0        Vanadium     ppm     ASTM 05185m     >10     1     0        ADDITIVES     method     limit/base     current     history1     history2       Barium     ppm     ASTM 05185m     126     1         Molybdenum     ppm     ASTM 05185m     158 </td <td>Sample Date</td> <td></td> <td>Client Info</td> <td></td> <td>20 Mar 2024</td> <td>17 Aug 2023</td> <td></td>	Sample Date		Client Info		20 Mar 2024	17 Aug 2023	
Oil Changed     Client Info     N/A     N/A     ABNORMAL     ABNORMAL <t< td=""><td>Machine Age</td><td>mls</td><td>Client Info</td><td></td><td>103791</td><td>25287</td><td></td></t<>	Machine Age	mls	Client Info		103791	25287	
Sample Status     method     Imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >500     415     187        Chromium     ppm     ASTM D5185m     >10     6     3        Nickel     ppm     ASTM D5185m     >10     10     4        Silver     ppm     ASTM D5185m     >25     2     0        Aluminum     ppm     ASTM D5185m     >25     2     0        Aluminum     ppm     ASTM D5185m     >25     1     0        Copper     ppm     ASTM D5185m     >100     2     0        Cadmium     ppm     ASTM D5185m     <1	Oil Age	mls	Client Info		0	0	
WEAR METALS     method     limit/base     current     history1     history2       tron     ppm     ASTM 05185n     >500     415     187        Chromium     ppm     ASTM 05185n     >10     6     3        Nickel     ppm     ASTM 05185n     >10     10     4        Silver     ppm     ASTM 05185n     >10     10     4        Auminum     ppm     ASTM 05185n     >25     2     0        Auminum     ppm     ASTM 05185n     >10     2     0        Auminum     ppm     ASTM 05185n     >10     2     0        Vanadium     ppm     ASTM 05185n     10     2     0        Aumoum     ppm     ASTM 05185n     126     126        Cadmium     ppm     ASTM 05185n     126     126        ASTM 05185n     11     0	Oil Changed		Client Info		N/A	N/A	
Iron     ppm     ASTM D5185m     >500     415     187        Chromium     ppm     ASTM D5185m     >10     6     3        Nickel     ppm     ASTM D5185m     >10     10     4        Silver     ppm     ASTM D5185m     >10     0     0        Aduminum     ppm     ASTM D5185m     >25     2     0        Aduminum     ppm     ASTM D5185m     >10     2     0        Adaminum     ppm     ASTM D5185m     >10     2     0        Vanadium     ppm     ASTM D5185m     10     2     0        Adaminum     ppm     ASTM D5185m     <1	Sample Status				ABNORMAL	ABNORMAL	
Chromium     ppm     ASTM D5185m     >10     6     3        Nickel     ppm     ASTM D5185m     >10     10     4        Silver     ppm     ASTM D5185m     >10     0     0        Aduminum     ppm     ASTM D5185m     >25     2     0        Aduminum     ppm     ASTM D5185m     >25     <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     >10     10     4        Titanium     ppm     ASTM D5185m      0     0        Sliver     ppm     ASTM D5185m     >25     2     0        Aluminum     ppm     ASTM D5185m     >25     2     0        Copper     ppm     ASTM D5185m     >25     1     0	Iron	ppm	ASTM D5185m	>500	415	187	
Titanium   ppm   ASTM D5185m   1   <1	Chromium	ppm	ASTM D5185m	>10	6	3	
Silver     ppm     ASTM D5185m     0     0        Aluminum     ppm     ASTM D5185m<>25     2     0        Aluminum     ppm     ASTM D5185m     >25     2     0        Copper     ppm     ASTM D5185m     >10     2     0        Vanadium     ppm     ASTM D5185m     >10     <1	Nickel	ppm	ASTM D5185m	>10	10	4	
Aluminum     ppm     ASTM D5185m     >25     2     0        Lead     ppm     ASTM D5185m     >25     <1	Titanium	ppm	ASTM D5185m		<1	<1	
Lead     ppm     ASTM D5185m     >25     <1     0        Copper     ppm     ASTM D5185m     >100     2     0        Vanadium     ppm     ASTM D5185m     >10     <1	Silver	ppm	ASTM D5185m		0	0	
Copper     ppm     ASTM D5185m     >100     2     0        Tin     ppm     ASTM D5185m     >10     <1	Aluminum	ppm	ASTM D5185m	>25	2	0	
Tin     ppm     ASTM D5185m     >10     <1     0        Vanadium     ppm     ASTM D5185m     <1	Lead	ppm	ASTM D5185m	>25	<1	0	
Vanadium     ppm     ASTM D5185m     <1     0        Cadmium     ppm     ASTM D5185m     <1	Copper	ppm	ASTM D5185m	>100	2	0	
Cadmium     ppm     ASTM D5185m     <1     0        ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     126     126        Barium     ppm     ASTM D5185m     <1     0        Manganese     ppm     ASTM D5185m     <14     10        Magnesium     ppm     ASTM D5185m     155     158        Calcium     ppm     ASTM D5185m     1796     1660        Calcium     ppm     ASTM D5185m     173     7        Sulfur     ppm     ASTM D5185m     1796     1660        Sulfur     ppm     ASTM D5185m     27745     28449        Sodium     ppm     ASTM D5185m     20     2     0        Sodium     ppm     ASTM D5185m     20     2     0        Sodium     ppm     ASTM D5185m     20 <t< td=""><td>Tin</td><td>ppm</td><td>ASTM D5185m</td><td>&gt;10</td><td>&lt;1</td><td>0</td><td></td></t<>	Tin	ppm	ASTM D5185m	>10	<1	0	
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     126     126        Barium     ppm     ASTM D5185m     <1	Vanadium	ppm	ASTM D5185m		<1	0	
Boron     ppm     ASTM D5185m     126     126        Barium     ppm     ASTM D5185m     <1	Cadmium	ppm	ASTM D5185m		<1	0	
Barium     ppm     ASTM D5185m     <1     <1        Molybdenum     ppm     ASTM D5185m     <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185m     <1     0        Manganese     ppm     ASTM D5185m     14     10        Magnesium     ppm     ASTM D5185m     155     158        Calcium     ppm     ASTM D5185m     19     14        Calcium     ppm     ASTM D5185m     1796     1660        Zinc     ppm     ASTM D5185m     27745     28449        Sulfur     ppm     ASTM D5185m     27745     28449        Sodium     ppm     ASTM D5185m     275     40     34        Sodium     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     20     2     0        Water     %     ASTM D6304     >.2     0.0117     0.054        ppm Water     ppm     ASTM D647     >20000     83543     120747        Particles >4µm <td>Boron</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <td>126</td> <td>126</td> <td></td>	Boron	ppm	ASTM D5185m		126	126	
Manganese   ppm   ASTM D5185m   14   10      Magnesium   ppm   ASTM D5185m   155   158      Calcium   ppm   ASTM D5185m   19   14      Phosphorus   ppm   ASTM D5185m   1796   1660      Zinc   ppm   ASTM D5185m   13   7      Sulfur   ppm   ASTM D5185m   27745   28449      CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   3   3      Sodium   ppm   ASTM D5185m   20   2   0      Sodium   ppm   ASTM D5185m   >20   2   0      Sodium   ppm   ASTM D5185m   >20   2   0      Water   %   ASTM D6304   >2   0.017   0.054      ppm Water   ppm   ASTM D7647   >20000   83543   120747      Particles >4	Barium	ppm	ASTM D5185m		<1	<1	
Magnesium   ppm   ASTM D5185m   155   158      Calcium   ppm   ASTM D5185m   19   14      Phosphorus   ppm   ASTM D5185m   1796   1660      Zinc   ppm   ASTM D5185m   13   7      Sulfur   ppm   ASTM D5185m   27745   28449      CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   75   40   34      Sodium   ppm   ASTM D5185m   >75   40   34      Sodium   ppm   ASTM D5185m   >20   2   0      Sodium   ppm   ASTM D5185m   >20   2   0      Water   %   ASTM D6304   >.2   0.017   0.054      ppm Water   ppm   ASTM D7647   >2000   & 83543   120747      Particles >4µm   ASTM D7647   >5000   7377   31066 <tr< td=""><td>Molybdenum</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>&lt;1</td><td>0</td><td></td></tr<>	Molybdenum	ppm	ASTM D5185m		<1	0	
Calcium     ppm     ASTM D5185m     19     14        Phosphorus     ppm     ASTM D5185m     1796     1660        Zinc     ppm     ASTM D5185m     13     7        Sulfur     ppm     ASTM D5185m     27745     28449        CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >20     2     0        Water     %     ASTM D5185m     >20     2     0        FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >2000 <b>83543</b> 120747        Particles >6µm     ASTM D7647     >2000 <b>83543</b> 120747	Manganese	ppm	ASTM D5185m		14	10	
Phosphorus     ppm     ASTM D5185m     1796     1660        Zinc     ppm     ASTM D5185m     13     7        Sulfur     ppm     ASTM D5185m     27745     28449        CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >20     2     0        Water     %     ASTM D5034     >2     0.017     0.054        ppm Water     ppm     ASTM D7647     >2000     173     541.1        FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     83543     120747	Magnesium	ppm	ASTM D5185m		155	158	
Zinc   ppm   ASTM D5185m   13   7      Sulfur   ppm   ASTM D5185m   27745   28449      CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >75   40   34      Sodium   ppm   ASTM D5185m   >75   40   34      Sodium   ppm   ASTM D5185m   >20   2   0      Sodium   ppm   ASTM D5185m   >20   2   0      Water   %   ASTM D6304   >.2   0.017   0.054      ppm Water   ppm   ASTM D6304   >.2   0.017   0.054      ppm Water   ppm   ASTM D7647   >2000   13   541.1      FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >20000 <b>83543</b> 120747      Particles >6µm   ASTM D7647   >640   32	Calcium	ppm	ASTM D5185m		19	14	
Sulfur     ppm     ASTM D5185m     27745     28449        CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >75     40     34        Sodium     ppm     ASTM D5185m     >20     2     0        Potassium     ppm     ASTM D5185m     >20     2     0        Water     %     ASTM D6304     >.2     0.017     0.054        ppm Water     ppm     ASTM D6304     >.2000     173     541.1        FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     A 83543     120747        Particles >6µm     ASTM D7647     >640     32     140        Particles >21µm     ASTM D7647     >160     10     1	Phosphorus	ppm	ASTM D5185m		1796	1660	
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m<>75     40     34      Sodium     ppm     ASTM D5185m     >75     40     34      Sodium     ppm     ASTM D5185m     >20     2     0      Sodium     Pm     ASTM D5185m     >20     2     0      Sodium     Pm     ASTM D5304     >20     0.017     0.054      Sodium     Pm     ASTM D6304     >2000     173     541.1      Sodium     Pm     ASTM D7647     >20000 <b>&amp;</b> 83543     120747      Pm     Particles >4µm     ASTM D7647     >5000 <b>? 7377</b> A 31066      Pm     Pm     ASTM D7647     >640     32	Zinc	ppm	ASTM D5185m		13	7	
Silicon   ppm   ASTM D5185m   >75   40   34      Sodium   ppm   ASTM D5185m   Sodium   3   3      Potassium   ppm   ASTM D5185m   >20   2   0      Water   %   ASTM D6304   >.2   0.017   0.054      opm Water   ppm   ASTM D6304   >.2   0.017   0.054      FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >20000   ▲ 83543   120747      Particles >6µm   ASTM D7647   >5000   7377   ▲ 31066      Particles >1µm   ASTM D7647   >640   32   140      Particles >21µm   ASTM D7647   >160   10   19      Particles >71µm   ASTM D7647   >10   0       Particles >71µm   ASTM D7647   >10   0       Oil Cleanliness   ISO 4406 (c)   >21/19/16   24/20/	Sulfur	ppm	ASTM D5185m		27745	28449	
Sodium     ppm     ASTM D5185m     3     3        Potassium     ppm     ASTM D5185m<>20     2     0        Water     %     ASTM D6304     >.2     0.017     0.054        ppm     Water     ppm     ASTM D6304     >.2     0.017     0.054        ppm Water     ppm     ASTM D6304     >2000     173     541.1        FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     ▲ 83543     120747        Particles >6µm     ASTM D7647     >5000     7377     ▲ 31066        Particles >14µm     ASTM D7647     >640     32     140        Particles >21µm     ASTM D7647     >160     10     19        Particles >38µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >21/19/16     24/20/12     24/22/14	CONTAMINANTS	6	method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185m     >20     2     0        Water     %     ASTM D6304     >.2     0.017     0.054        ppm     ASTM D6304     >.2000     173     541.1        FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     ▲ 83543     ▲ 120747        Particles >6µm     ASTM D7647     >5000     ● 7377     ▲ 31066        Particles >14µm     ASTM D7647     >640     32     140        Particles >14µm     ASTM D7647     >640     32     140        Particles >21µm     ASTM D7647     >160     10     19        Particles >38µm     ASTM D7647     >10     0     0        Oil Cleanliness     ISO 4406 (c)     >21/19/16     24/20/12     24/22/14        FLUID DEGRADATION     method     limit/base     current     history1	Silicon	ppm	ASTM D5185m	>75	40	34	
Water   %   ASTM D6304   >.2   0.017   0.054      ppm Water   ppm   ASTM D6304   >2000   173   541.1      FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >20000   ▲   83543   ▲   120747      Particles >6µm   ASTM D7647   >5000   ●   7377   ▲   31066      Particles >14µm   ASTM D7647   >640   32   140       Particles >21µm   ASTM D7647   >160   10   19       Particles >38µm   ASTM D7647   >40   1   0       Particles >71µm   ASTM D7647   >10   0   0       Oil Cleanliness   ISO 4406 (c)   >21/19/16   24/20/12   24/22/14	Sodium	ppm	ASTM D5185m		3	3	
ppm     ASTM D6304     >2000     173     541.1        FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >20000     & 83543     120747        Particles >6µm     ASTM D7647     >5000     7377     A 31066        Particles >14µm     ASTM D7647     >640     32     140        Particles >14µm     ASTM D7647     >640     32     140        Particles >21µm     ASTM D7647     >160     10     19        Particles >38µm     ASTM D7647     >40     1     0        Particles >71µm     ASTM D7647     >10     0        Oil Cleanliness     ISO 4406 (c)     >21/19/16     24/20/12     24/22/14        FLUID DEGRADATION     method     limit/base     current     history1     history2	Potassium	ppm	ASTM D5185m	>20	2	0	
FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >20000   ▲ 83543   ▲ 120747      Particles >6µm   ASTM D7647   >5000   7377   ▲ 31066      Particles >6µm   ASTM D7647   >640   32   140      Particles >14µm   ASTM D7647   >160   10   19      Particles >21µm   ASTM D7647   >40   1   0      Particles >38µm   ASTM D7647   >40   1   0      Particles >71µm   ASTM D7647   >10   0   0      Oil Cleanliness   ISO 4406 (c)   >21/19/16   24/20/12   24/22/14	Water	%	ASTM D6304	>.2	0.017	0.054	
Particles >4µm   ASTM D7647   >20000   ▲ 83543   ▲ 120747      Particles >6µm   ASTM D7647   >5000   ● 7377   ▲ 31066      Particles >14µm   ASTM D7647   >640   32   140      Particles >14µm   ASTM D7647   >160   10   19      Particles >21µm   ASTM D7647   >160   10   19      Particles >38µm   ASTM D7647   >40   1   0      Particles >71µm   ASTM D7647   >10   0   0      Oil Cleanliness   ISO 4406 (c)   >21/19/16   24/20/12   24/22/14      FLUID DEGRADATION   method   limit/base   current   history1   history2	ppm Water	ppm	ASTM D6304	>2000	173	541.1	
Particles >6µm   ASTM D7647   >5000   7377   ▲ 31066      Particles >14µm   ASTM D7647   >640   32   140      Particles >14µm   ASTM D7647   >160   10   19      Particles >21µm   ASTM D7647   >160   10   19      Particles >38µm   ASTM D7647   >40   1   0      Particles >38µm   ASTM D7647   >10   0   0      Particles >71µm   ASTM D7647   >10   0   0      Oil Cleanliness   ISO 4406 (c)   >21/19/16   24/20/12   24/22/14      FLUID DEGRADATION   method   limit/base   current   history1   history2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14µm   ASTM D7647   >640   32   140      Particles >21µm   ASTM D7647   >160   10   19      Particles >21µm   ASTM D7647   >100   10   19      Particles >38µm   ASTM D7647   >40   1   0      Particles >38µm   ASTM D7647   >10   0   0      Particles >71µm   ASTM D7647   >10   0   0      Oil Cleanliness   ISO 4406 (c)   >21/19/16   24/20/12   24/22/14      FLUID DEGRADATION   method   limit/base   current   history1   history2	Particles >4µm		ASTM D7647	>20000	<b>A</b> 83543	120747	
Particles >21μm     ASTM D7647     >160     10     19        Particles >38μm     ASTM D7647     >40     1     0      0       Particles >38μm     ASTM D7647     >40     1     0      0       Particles >71μm     ASTM D7647     >10     0     0      0       Oil Cleanliness     ISO 4406 (c)     >21/19/16     24/20/12     24/22/14        FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >6µm		ASTM D7647	>5000	<u> </u>	<b>A</b> 31066	
Particles >38μm     ASTM D7647     >40     1     0        Particles >71μm     ASTM D7647     >10     0     0      0       Oil Cleanliness     ISO 4406 (c)     >21/19/16     24/20/12     24/22/14        FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >14µm		ASTM D7647	>640	32	140	
Particles >71μm     ASTM D7647     >10     0        Oil Cleanliness     ISO 4406 (c)     >21/19/16     24/20/12     24/22/14        FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >21µm		ASTM D7647	>160	10	19	
Oil Cleanliness   ISO 4406 (c) >21/19/16   24/20/12   24/22/14     FLUID DEGRADATION   method   limit/base   current   history1   history2	Particles >38µm		ASTM D7647	>40	1	0	
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>10	0	0	
	Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>4/20/12</b>	▲ 24/22/14	
Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.73	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.86	0.73	

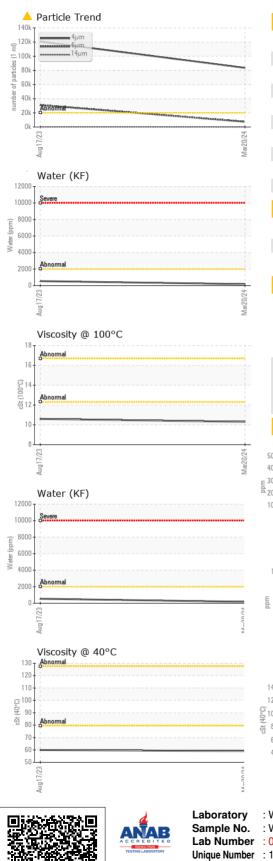
Contact/Location: GIANNA CREDAROLI - BASTARHD Page 1 of 2







# **OIL ANALYSIS REPORT**



	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
	Precipitate	scalar	*Visual	NONE	NONE	NONE	
	Silt	scalar	*Visual	NONE	NONE	NONE	
1	Debris	scalar	*Visual	NONE	NONE	NONE	
***************************************	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
0/24 -	Appearance	scalar	*Visual	NORML	NORML	NORML	
Mar20/2*	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>.2	NEG	NEG	
	Free Water	scalar	*Visual		NEG	NEG	
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445		59.1	59.9	
	Visc @ 100°C	cSt	ASTM D445		10.3	10.6	
	Viscosity Index (VI)	Scale	ASTM D2270		163	168	
4	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Mar20/24	Color				D. Pre.	· · · ·	no image
	Bottom						no image
	GRAPHS						
	Ferrous Alloys				Particle Count	t	
Mar20/24	500 T			491,520	L		T
Ma	400 - iron			122,880	pevere		-2
	E 300 200			30,720	Abadmal		+2
	100 -				Louisida		
				4Z (E 7,680			-2
	Aug17/23			Mar20/24 s (per 1 ml	· · ·		-1
	⊲ Non-ferrous Meta	ls		Mar20/24 1'900 490 100 100 100 100 100 100 100 100 100 1		<b>`</b>	-1
	<sup>10</sup> T			of ba			
	8 - copper			agun 120	1		+2
~	E 6			≓ 30	†		-1
C/ U C~	2				ļ		-1
В.В.			***************************************	54		/	
	Aug17/23			Mar20/2			
				≥ 0	<sup>1</sup> μ 6μ	14µ 21µ	38µ 71µ
	Viscosity @ 40°C			(D) 00	Acid Number		
	120 -			(01.00 0.80 0.60	I		
				٥.60 ق			
	0 100 Abre			4 0.40	+		
	(2-100 + # # 80 - <b>Abnormal</b>						
	60 -			2 0.20			
	60				L.		
Proug-	60 -			N 0.20	Aug17/23		
VCUC-FF	60				L.		
	60	Recei Teste	ived : 12 ed : 15	Mar20/24 +	Aug17/23		<b>CREDARC</b> TE PLAINS RYTOWN, US 105

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

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Contact/Location: GIANNA CREDAROLI - BASTARHD

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