

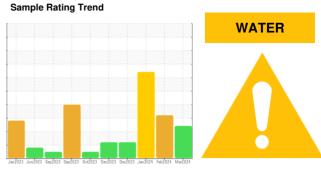
# **OIL ANALYSIS REPORT**



# **B-01-402 Biogas Blower Non-Drive End**

**Non-Drive End Compressor** 

**GARDNER DENVER AEON PD (--- GAL)** 



### **DIAGNOSIS**

#### Recommendation

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

The iron level is abnormal. All other component wear rates are normal.

#### Contamination

There is a moderate concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

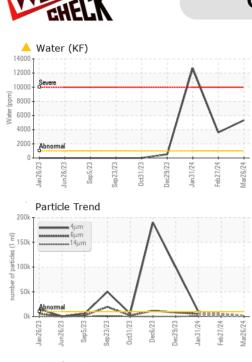
### **Fluid Condition**

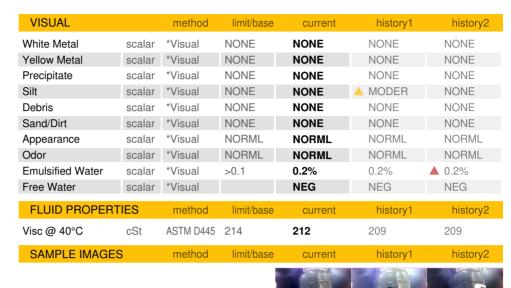
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

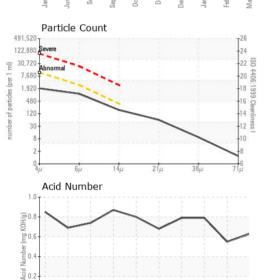
Sample Number   Client Info   WC0886374   WC0886377   WC088638   Sample Date   Client Info   26 Mar 2024   27 Feb 2024   31 Jan 202   Machine Age   hrs   Client Info   0   0   0   0   0   0   0   0   0			Janzuza Junz	uza sepzuza sepzuza uctz	023 Dec2023 Dec2023 Jan2024 Feb	2024 Mar2024	
Sample Date   Client Info   26 Mar 2024   27 Feb 2024   31 Jan 202     Machine Age   hrs   Client Info   0   0   0   0     Oil Age   hrs   Client Info   0   0   0   0     Oil Ohanged   Client Info   N/A   N/A   N/A   N/A     Sample Status   Client Info   N/A   N/A   N/A   N/A     WEAR METALS   method   limit/base   current   history1   history1     Iron   ppm   ASTM D5185m   >50   Δ 51   Δ 59   Δ 87     Chromium   ppm   ASTM D5185m   >50   Δ 51   Δ 59   Δ 87     Chromium   ppm   ASTM D5185m   >50   Δ 51   Δ 9   Δ 87     Chromium   ppm   ASTM D5185m   >10   4   2   4     Alluminum   ppm   ASTM D5185m   >25   -1   0   0     Alluminum   ppm   ASTM D5185m   >25   -1   0	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age   hrs   Client Info   0   0   0     Oil Age   hrs   Client Info   0   0   0     Oil Changed   Client Info   N/A   N/A   N/A     Sample Status   Description   N/A   N/A   N/A     WEAR METALS   method   limit/base   current   history1   history1     Iron   ppm   ASTM D5185m   >50   ♣ 51   ♣ 59   ♣ 87     Chromium   ppm   ASTM D5185m   >10   ♣ 1   2   ♣ 4     Nickel   ppm   ASTM D5185m   >10   ♣ 1   2   ♠ 4     Silver   ppm   ASTM D5185m   >25   ♣ 1   0   0     Silver   ppm   ASTM D5185m   >25   ♣ 1   0   < 1     Copper   ppm   ASTM D5185m   >25   ♣ 1   0   < 1     Copper   ppm   ASTM D5185m   >50   1   0   < 1     Capper   ppm <td>Sample Number</td> <td></td> <td>Client Info</td> <td></td> <th>WC0886374</th> <td>WC0886377</td> <td>WC0886388</td>	Sample Number		Client Info		WC0886374	WC0886377	WC0886388
Oil Age   hrs   Client Info   N/A   PARTH DS160   Lead   PARTH DS185m   SEVERE   Current   history1   history1   history1   history2   AST   Citack   PARTH DS185m   SEVERE   4   2   4   4   2   4   4   2   4   4   2   4   4   2   4   4   2   4   4   2   4   4   2   4   4   2   2   4   1   0   0   2   1 <th< td=""><td>Sample Date</td><td></td><td>Client Info</td><td></td><th>26 Mar 2024</th><td>27 Feb 2024</td><td>31 Jan 2024</td></th<>	Sample Date		Client Info		26 Mar 2024	27 Feb 2024	31 Jan 2024
Oil Changed Sample Status   Client Info   N/A   N/A   N/A   N/A   N/A   SAVERE     WEAR METALS   method   limit/base   current   history1   history1   history1     Iron   ppm   ASTM D5185m   >50   ♣ 51   ♣ 59   ♣ 87     Chromium   ppm   ASTM D5185m   >10   4   2   4     Nickel   ppm   ASTM D5185m   -1   0   -1   0     Silver   ppm   ASTM D5185m   -1   0   0   0     Aluminum   ppm   ASTM D5185m   -25   -3   -1   2     Lead   ppm   ASTM D5185m   >25   -1   0   -1     Cadedium   ppm   ASTM D5185m   >50   1   1   2     Vanadium   ppm   ASTM D5185m   -1   1   2   2     Vanadium   ppm   ASTM D5185m   -1   0   0   0     Cadmium   ppm   <	Machine Age	hrs	Client Info		0	0	0
Sample Status   method   limit/base   current   history1   history1     Iron   ppm   ASTM D5185m   >50   ♣ 51   ♣ 59   ♣ 87     Chromium   ppm   ASTM D5185m   >10   4   2   4     Nickel   ppm   ASTM D5185m   >10   4   2   4     Nickel   ppm   ASTM D5185m   >10   0   0   0     Silver   ppm   ASTM D5185m   >25   3   <1	Oil Age	hrs	Client Info		0	0	0
WEAR METALS   method   limit/base   current   history1   history1     Iron   ppm   ASTM D5185m   >50   ▲ 51   ▲ 59   ▲ 87     Chromium   ppm   ASTM D5185m   >10   4   2   4     Nickel   ppm   ASTM D5185m   <1	Oil Changed		Client Info		N/A	N/A	N/A
Iron	Sample Status				ABNORMAL	ABNORMAL	SEVERE
Chromium   ppm   ASTM D5185m   >10   4   2   4     Nickel   ppm   ASTM D5185m   <1   0   <1     Titanium   ppm   ASTM D5185m   <1   0   0     Silver   ppm   ASTM D5185m   >25   3   <1   2     Lead   ppm   ASTM D5185m   >25   3   <1   2     Copper   ppm   ASTM D5185m   >50   1   0   <1     Tin   ppm   ASTM D5185m   >50   1   0   <1     Vanadium   ppm   ASTM D5185m   >15   1   1   2     Cadmium   ppm   ASTM D5185m   >1   0   0   0     ADDITIVES   method   limit/base   current   history1   history1     Boron   ppm   ASTM D5185m   <1   0   0     Barium   ppm   ASTM D5185m   0   0   0     Barium   ppm	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>50	<u></u> ▲ 51	<b>△</b> 59	<b>▲</b> 87
Titanium	Chromium	ppm	ASTM D5185m	>10	4	2	4
Silver   ppm   ASTM D5185m   0   0   0     Aluminum   ppm   ASTM D5185m   >25   3   <1   2     Lead   ppm   ASTM D5185m   >25   <1   0   <1   2     Copper   ppm   ASTM D5185m   >50   1   0   <1   1   2     Vanadium   ppm   ASTM D5185m   >15   1   1   2   2     Vanadium   ppm   ASTM D5185m   <1   0   0   0     Cadmium   ppm   ASTM D5185m   <1   0   0   0     Boron   ppm   ASTM D5185m   <1   0   0   0     Barium   ppm   ASTM D5185m   <1   0   0   0     Barium   ppm   ASTM D5185m   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1	Nickel	ppm	ASTM D5185m		<1	0	<1
Aluminum   ppm   ASTM D5185m   >25   3   <1   2     Lead   ppm   ASTM D5185m   >25   <1	Titanium	ppm	ASTM D5185m		<1	0	0
Lead   ppm   ASTM D5185m   >25   <1   0   <1     Copper   ppm   ASTM D5185m   >50   1   0   <1	Silver	ppm	ASTM D5185m			0	
Copper   ppm   ASTM D5185m   >50   1   0   <1     Tin   ppm   ASTM D5185m   >15   1   1   2     Vanadium   ppm   ASTM D5185m   <1	Aluminum	ppm	ASTM D5185m	>25	3	<1	2
Tin   ppm   ASTM D5185m   >15   1   1   2     Vanadium   ppm   ASTM D5185m   <1   0   0     ADDITIVES   method   limit/base   current   history1   history     Boron   ppm   ASTM D5185m   <1   0   0     Barium   ppm   ASTM D5185m   0   0   0     Molybdenum   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   <1   0   0     Magnesium   ppm   ASTM D5185m   <1   0   <1     Magnesium   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   662   811   718     CONTAMINATS   method   limit/base   current   history1   history<		ppm	ASTM D5185m	>25			<1
Vanadium   ppm   ASTM D5185m   <1   0   0     ADDITIVES   method   limit/base   current   history1   history3     Boron   ppm   ASTM D5185m   <1	Copper	ppm	ASTM D5185m	>50	1	0	
Cadmium   ppm   ASTM D5185m   <1   0   0     ADDITIVES   method   limit/base   current   history1   history3     Boron   ppm   ASTM D5185m   <1   0   0     Barium   ppm   ASTM D5185m   0   0   0     Molybdenum   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1<	Tin	ppm	ASTM D5185m	>15	1		
ADDITIVES	Vanadium	ppm	ASTM D5185m		<1	0	
Boron   ppm   ASTM D5185m   <1   0   0     Barium   ppm   ASTM D5185m   0   0   0     Molybdenum   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   <1   0   <1     Magnesium   ppm   ASTM D5185m   5   <1   0     Calcium   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1   0   0     Vater   %   ASTM D5185m   >20   <1   0   0 </td <td>Cadmium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>&lt;1</th> <td>0</td> <td>0</td>	Cadmium	ppm	ASTM D5185m		<1	0	0
Barium   ppm   ASTM D5185m   0   0   0     Molybdenum   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   <1   <1   <1     Magnesium   ppm   ASTM D5185m   5   <1   0     Calcium   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   662   811   718     CONTAMINANTS   method   limit/base   current   history1   history1     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1   0   0     Potassium   ppm   ASTM D5185m   >20   <1   0   0     Water   %   ASTM D6185m   >20   <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum   ppm   ASTM D5185m   0   0   0     Manganese   ppm   ASTM D5185m   <1   <1   <1     Magnesium   ppm   ASTM D5185m   <1   0   <1     Calcium   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   >25   4   4   5     CONTAMINANTS   method   limit/base   current   history1   history     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1   0   0   0     Potassium   ppm   ASTM D5185m   >20   <1   0   0   0     Water   % <th< td=""><td>Boron</td><td>ppm</td><td>ASTM D5185m</td><td></td><th>&lt;1</th><td>0</td><td>0</td></th<>	Boron	ppm	ASTM D5185m		<1	0	0
Manganese   ppm   ASTM D5185m   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1   <1 </td <td></td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>0</th> <td>0</td> <td>0</td>		ppm	ASTM D5185m		0	0	0
Magnesium   ppm   ASTM D5185m   <1   0   <1     Calcium   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   662   811   718     CONTAMINANTS   method   limit/base   current   history1   history1     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1   0   0     Potassium   ppm   ASTM D5185m   >20   <1   0   0     Water   %   ASTM D5185m   >20   <1   0   0     Water   %   ASTM D5185m   >20   <1   0   0     Particles >4   4   5   4   4   5     Sodium   ppm   ASTM D7647 <t< td=""><td>Molybdenum</td><td>ppm</td><td>ASTM D5185m</td><td></td><th>0</th><td>0</td><td>0</td></t<>	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium   ppm   ASTM D5185m   5   <1   0     Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   662   811   718     CONTAMINANTS   method   limit/base   current   history1   history1     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1	Manganese	ppm	ASTM D5185m		<1	<1	<1
Phosphorus   ppm   ASTM D5185m   631   591   605     Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   662   811   718     CONTAMINANTS   method   limit/base   current   history1   history     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1	Magnesium	ppm	ASTM D5185m			0	
Zinc   ppm   ASTM D5185m   4   0   0     Sulfur   ppm   ASTM D5185m   662   811   718     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   0   0   0   0     Potassium   ppm   ASTM D5185m   >20   <1	Calcium	ppm	ASTM D5185m		_		
Sulfur   ppm   ASTM D5185m   662   811   718     CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   >20   <1	Phosphorus	ppm			631	591	605
CONTAMINANTS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   0   0   0     Potassium   ppm   ASTM D5185m   >20   <1	Zinc	ppm	ASTM D5185m		4	0	0
Silicon   ppm   ASTM D5185m   >25   4   4   5     Sodium   ppm   ASTM D5185m   0   0   0     Potassium   ppm   ASTM D5185m   >20   <1	Sulfur	ppm	ASTM D5185m		662	811	718
Sodium   ppm   ASTM D5185m   0   0   0     Potassium   ppm   ASTM D5185m   >20   <1   0   0     Water   %   ASTM D6304   >0.1   ▲ 0.534   ▲ 0.361   ▲ 1.27     ppm Water   ppm   ASTM D6304   >1000   ▲ 5340   ▲ 3610   ▲ 12700     FLUID CLEANLINESS   method   limit/base   current   history1   history1     Particles >4μm   ASTM D7647   >10000   1740    9944     Particles >6μm   ASTM D7647   >2500   948    ▲ 5417     Particles >14μm   ASTM D7647   >320   161    ▲ 922     Particles >21μm   ASTM D7647   >80   54    ▲ 311     Particles >38μm   ASTM D7647   >4   1    ▲ 20     Particles >71μm   ASTM D7647   >4   1    ▲ 20/20/11     FLUID DEGRADATION   method   limit/base   current   history1	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium   ppm   ASTM D5185m   >20   <1   0   0     Water   %   ASTM D6304   >0.1   ▲ 0.534   ▲ 0.361   ▲ 1.27     ppm Water   ppm   ASTM D6304   >1000   ▲ 5340   ▲ 3610   ▲ 12700     FLUID CLEANLINESS   method   limit/base   current   history1   history1     Particles >4μm   ASTM D7647   >10000   1740    9944     Particles >6μm   ASTM D7647   >2500   948    ▲ 5417     Particles >14μm   ASTM D7647   >320   161    ▲ 922     Particles >21μm   ASTM D7647   >80   54    ▲ 311     Particles >38μm   ASTM D7647   >20   8    ▲ 48     Particles >71μm   ASTM D7647   >4   1    ▲ 5     Oil Cleanliness   ISO 4406 (c)   >20/18/15   18/17/15    ▲ 20/20/11     FLUID DEGRADATION   method   limit/base   current	Silicon	ppm	ASTM D5185m	>25	4	4	5
Water   %   ASTM D6304 > 0.1   ▲ 0.534   ▲ 0.361   ▲ 1.27     ppm Water   ppm ASTM D6304 > 1000   ▲ 5340   ▲ 3610   ▲ 12700     FLUID CLEANLINESS   method   limit/base   current   history1   history     Particles >4μm   ASTM D7647 > 10000   1740    9944     Particles >6μm   ASTM D7647 > 2500   948    ▲ 5417     Particles >14μm   ASTM D7647 > 320   161    ▲ 922     Particles >21μm   ASTM D7647 > 80   54    ▲ 311     Particles >38μm   ASTM D7647 > 20   8    ▲ 48     Particles >71μm   ASTM D7647 > 4   1    ▲ 5     Oil Cleanliness   ISO 4406 (c) > 20/18/15   18/17/15    ▲ 20/20/11     FLUID DEGRADATION   method   limit/base   current   history1   history	Sodium	ppm	ASTM D5185m		0	0	0
ppm Water   ppm   ASTM D6304   >1000   ▲ 5340   ▲ 3610   ▲ 12700     FLUID CLEANLINESS   method   limit/base   current   history1   history1     Particles >4μm   ASTM D7647   >10000   1740    9944     Particles >6μm   ASTM D7647   >2500   948    ▲ 5417     Particles >14μm   ASTM D7647   >320   161    ▲ 922     Particles >21μm   ASTM D7647   >80   54    ▲ 311     Particles >38μm   ASTM D7647   >20   8    ▲ 48     Particles >71μm   ASTM D7647   >4   1    ▲ 5     Oil Cleanliness   ISO 4406 (c)   >20/18/15   18/17/15    ▲ 20/20/13     FLUID DEGRADATION   method   limit/base   current   history1   history	Potassium	ppm	ASTM D5185m	>20	<1	0	0
FLUID CLEANLINESS   method   limit/base   current   history1   history1     Particles >4μm   ASTM D7647   >10000   1740    9944     Particles >6μm   ASTM D7647   >2500   948    Δ 5417     Particles >14μm   ASTM D7647   >320   161    Δ 922     Particles >21μm   ASTM D7647   >80   54    Δ 311     Particles >38μm   ASTM D7647   >20   8    Δ 48     Particles >71μm   ASTM D7647   >4   1    Δ 5     Oil Cleanliness   ISO 4406 (c)   >20/18/15   18/17/15    Δ 20/20/13     FLUID DEGRADATION   method   limit/base   current   history1   history	Water	%	ASTM D6304	>0.1	<b>△</b> 0.534	<b>△</b> 0.361	<b>▲</b> 1.27
Particles >4μm ASTM D7647 >10000 1740  9944   Particles >6μm ASTM D7647 >2500 948  Δ 5417   Particles >14μm ASTM D7647 >320 161  Δ 922   Particles >21μm ASTM D7647 >80 54  Δ 311   Particles >38μm ASTM D7647 >20 8  Δ 48   Particles >71μm ASTM D7647 >4 1  Δ 5   Oil Cleanliness ISO 4406 (c) >20/18/15 18/17/15  Δ 20/20/13   FLUID DEGRADATION method limit/base current history1 history	ppm Water	ppm	ASTM D6304	>1000	<u></u> 5340	▲ 3610	<b>12700</b>
Particles >6μm ASTM D7647 >2500 948  Δ 5417   Particles >14μm ASTM D7647 >320 161  Δ 922   Particles >21μm ASTM D7647 >80 54  Δ 311   Particles >38μm ASTM D7647 >20 8  Δ 48   Particles >71μm ASTM D7647 >4 1  Δ 5   Oil Cleanliness ISO 4406 (c) >20/18/15 18/17/15  Δ 20/20/13   FLUID DEGRADATION method limit/base current history history	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14μm ASTM D7647 >320 161  ▲ 922   Particles >21μm ASTM D7647 >80 54  ▲ 311   Particles >38μm ASTM D7647 >20 8  ▲ 48   Particles >71μm ASTM D7647 >4 1  ▲ 5   Oil Cleanliness ISO 4406 (c) >20/18/15 18/17/15  ▲ 20/20/17   FLUID DEGRADATION method limit/base current history1 history	Particles >4µm		ASTM D7647	>10000	1740		9944
Particles >21μm   ASTM D7647   >80   54    Δ 311     Particles >38μm   ASTM D7647   >20   8    Δ 48     Particles >71μm   ASTM D7647   >4   1    Δ 5     Oil Cleanliness   ISO 4406 (c)   >20/18/15   18/17/15    Δ 20/20/13     FLUID DEGRADATION   method   limit/base   current   history   history	Particles >6µm		ASTM D7647	>2500	948		<u>▲</u> 5417
Particles >38μm ASTM D7647 >20 8  ▲ 48   Particles >71μm ASTM D7647 >4 1  ▲ 5   Oil Cleanliness ISO 4406 (c) >20/18/15 18/17/15  ▲ 20/20/11   FLUID DEGRADATION method limit/base current history history	Particles >14µm		ASTM D7647	>320	161		<b>922</b>
Particles >71μm   ASTM D7647   >4   1    ▲ 5     Oil Cleanliness   ISO 4406 (c)   >20/18/15   18/17/15    ▲ 20/20/13     FLUID DEGRADATION   method   limit/base   current   history   history	Particles >21µm		ASTM D7647	>80	54		<b>△</b> 311
Oil Cleanliness   ISO 4406 (c)   >20/18/15   18/17/15    ▲ 20/20/13     FLUID DEGRADATION   method   limit/base   current   history   history	Particles >38µm		ASTM D7647	>20	8		<b>4</b> 8
FLUID DEGRADATION method limit/base current history1 history	Particles >71µm		ASTM D7647	>4	1		<u>\$\infty\$</u> 5
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/17/15		<b>△</b> 20/20/17
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)   mg KOH/g   ASTM D8045   0.63   0.55   0.79	Acid Number (AN)	mg KOH/g	ASTM D8045		0.63	0.55	0.79

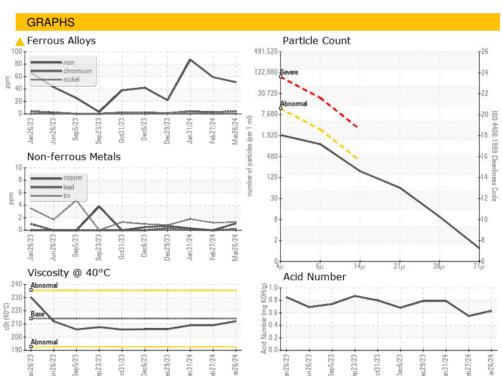


## **OIL ANALYSIS REPORT**











Viscosity @ 40°C

23

± 210

200

Certificate 12367

Lab Number

Laboratory Sample No.

Test Package : PLANT

: WC0886374 : 06133285 Unique Number : 10952750

Color

**Bottom** 

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 Mar 2024 **Tested** : 05 Apr 2024 Diagnosed

: 05 Apr 2024 - Jonathan Hester

**GEVO Inc.** 2498 250th Street Doon, IA US 51235

Contact: Service Manager

To discuss this sample report, contact Customer Service at 1-800-237-1369.

 $^st$  - 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)

T:

F: