OIL ANALYSIS REPORT

Area **RRJ** Machine Id **B-01-402 Biogas Blower Drive End**

Drive End Compressor

GARDNER DENVER AEON PD (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. We recommend an early resample to monitor this condition. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

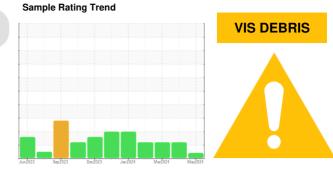
All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

The AN level is acceptable for this fluid.



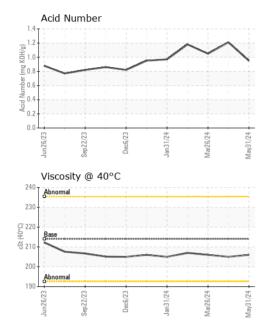
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TWC000003	WC0886361	WC0886373
Sample Date		Client Info		31 May 2024	02 May 2024	26 Mar 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
CONTAMINATION		mathad	limit/base	ourroat	biotomut	biotom/0
		method		current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	4	<1
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m	>25	<1	2	3
	ppm	ASTM D5185m	>25	0	<1	<1
	ppm		>50	11	2	5
	ppm	ASTM D5185m	>15	<1	<1	<1
	ppm	ASTM D5185m	-	0	0	<1
	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
_						
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m		<1	0	<1
	ppm	ASTM D5185m		0	<1	0
•	ppm	ASTM D5185m		<1	<1	0
-	ppm	ASTM D5185m		0	<1	<1
	ppm	ASTM D5185m		2	3	3
Phosphorus	ppm	ASTM D5185m		701	715	721
Zinc	ppm	ASTM D5185m		3	3	3
Sulfur	ppm	ASTM D5185m		706	731	590
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	8	8	6
Sodium	ppm	ASTM D5185m		<1	0	0
	ppm	ASTM D5185m	>20	<1	<1	1
FLUID CLEANLINE	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000		2 4728	▲ 32181
Particles >6µm		ASTM D7647	>2500		3397	4726
Particles >14µm		ASTM D7647	>320		185	297
Particles >21µm		ASTM D7647	>80		36	87
		ASTM D7647	>20		1	4
Particles >38um					0	0
		ASIM D/64/	>4			
Particles >38µm Particles >71µm Oil Cleanliness		ASTM D7647 ISO 4406 (c)	>4 >20/18/15		22/19/15	
Particles >71µm Oil Cleanliness		ISO 4406 (c)	>20/18/15		22/19/15	22/19/15
Particles >71µm Oil Cleanliness FLUID DEGRADAT	<mark>FION</mark> mg KOH/g					

Report Id: GEVDOO [WUSCAR] 06200125 (Generated: 06/07/2024 14:55:11) Rev: 1

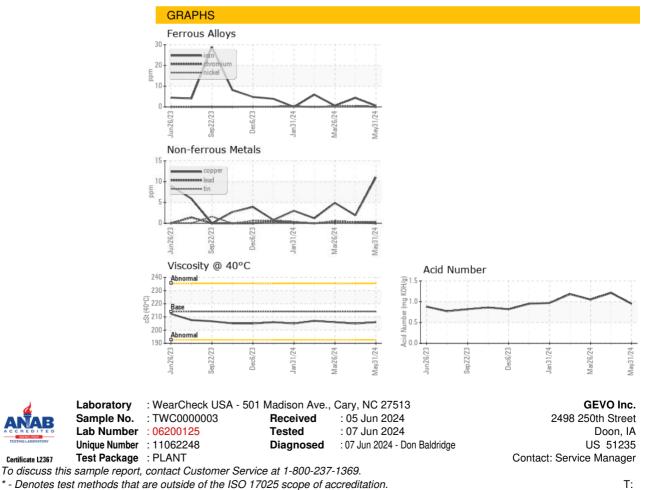
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OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	A MODER	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	214	206	205	206
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						
Bottom						



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

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