

# **OIL ANALYSIS REPORT**

9021 0c2021 0c2021 Ac/022 Ac2022 Feb303 May/023

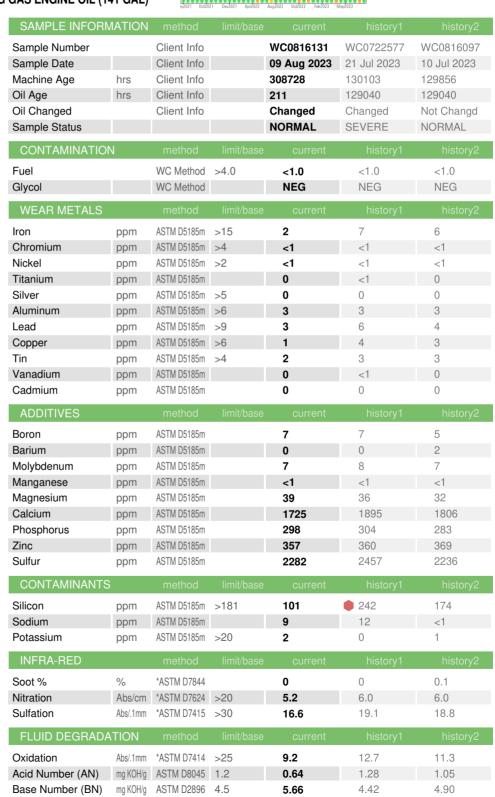
Sample Rating Trend



COVM02BE (S/N GZJ00184) Component Biogas Engine Eluid

**EDLCOV** 

CHEVRON HDAX 6500 LFG GAS ENGINE OIL (141 GAL)



Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

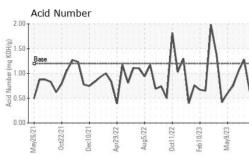
There is no indication of any contamination in the oil.

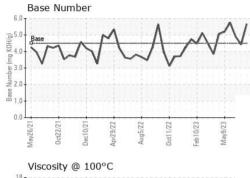
### Fluid Condition

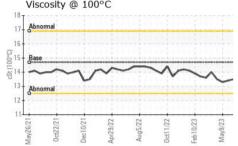
The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



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	VISUAL		method	limit/base	current	history1	history2
ι Λ	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Λ. Λ	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
AM M H A	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
V W WINI	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
V VV	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt s	scalar	*Visual	NONE	NONE	NONE	NONE
Apr29/22 Aug5/22 Oct11/22 Feb 10/23 May9/23	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Apr2 Aug Oct1 Feb1 May		scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG
MANN	FLUID PROPERTIE	-s	method	limit/base	current	history1	history2
		cSt		14.7	13.3	13.6	13.5
	GRAPHS	001	No INF D TIO		1010	10.0	10.0
	Iron (ppm)				Lead (ppm)		
	25 T		110000000000000000000000000000000000000	15			10000000000000000
Apr29/22 Aug5/22 Dct11/22 Feb10/23 May9/23	20 - Severe		+++++++++++++++++++++++++++++++++++++++				
Apr2 Aug Oct1 Feb1 May	15 Abnormal			10 E	- Abnormal		
0°C	<sup>a</sup> 10	~	. 1	5			10 1
ne haareke aareke aareke aareke. 19	5 m	ーレ	m	1		1 July	1. ~ `
	Z2	22	22 - 23 - 23 - 23	0		22	3 33
	May26/21 0ct22/21 Dec10/21 Apr29/22	Aug5/22	Oct11/22 Feb10/23 Mav9/23		May26/21 0ct22/21 Dec10/21	Apr29/22 Aug5/22 Oct11/22	Feb10/23 May9/23
$\sim$	– Aluminum (ppm)				_ Chromium (pp	m)	
	12 Severe		11000000000000	6	Severe		
	10			4	Abnormal		
22 - 22 - 23 - 23 - 23 - 23 - 23 - 23 -	E 6- Abnormal			Ed 3			
Apr29/22 Aug5/22 Oct11/22 Feb10/23 May9/23	4-	~	A . Al	2			
L III		-v	my	1		m	$\sim \sim$
	6/21 2/21	5/22	1/22 - 0/23 -		6/21 2/21	8/22 - 5/22 -	9/23
	May26/21 0ct22/21 Dec10/21 Apr29/22	Aug5/22	Oct11/22 Feb10/23 Mav9/23		May26/21 0ct22/21 Dec10/21	Apr29/22 Aug5/22 Oct11/22	Feb10/23 May9/23
	Copper (ppm)				Silicon (ppm)		
	100	1		300 250	Tabbacheerstaa.		
	80 -	1		250	Courses	A	AA
	E 60 -	A		톮 150	n A	MN	1/1
	*• 100001000010000100	11		100		1. V	121/1
	20 Severe Abnormal	H		50		N	v · v
		Aug5/22	1/22 - 0/23 - 9/23 -		May26/21	Apr29/22 - Aug5/22 - Oct11/22 -	Feb10/23
	May26/21 0ct22/21 Dec10/21 Apr29/22	Aug	Oct11/22 Feb10/23 May9/23		May26/21 0ct22/21 Dec10/21	Apr29/22 Aug5/22 Oct11/22	Feb 10/23 May9/23
	Viscosity @ 100°C				Base Number		
	Abnormal			6.0 至 5.0	Rano	~ ^	· 11
	Difference Base			9 g 4.0	- MAN	that.	~~~
	214	-	~~~~		V V	V	
	vi Abnormal			(0)/HOX (0)/HO	•		
	10			0.0			
	May26/21 0ct22/21 Dec10/21	Aug5/22 -	Oct11/22 - Feb10/23 - Mav9/23 -		May26/21 0ct22/21 Dec10/21	Apr29/22 - Aug5/22 - Oct11/22 -	Feb10/23 - May9/23 -
	May Oct Dec Apr2	Aug	Dct Feb 1	51	May Oct	Apri Auç Oct1	Feb1
Laboratory	: WearCheck USA - 50	1 Madi	son Ave Co	ny NC 07510	2		Recips-Covel
Sample No.		eceived		Aug 2023		DENS POWER STATIO	
Lab Number	: 05922391 Di	agnos	ed : 14 /	Aug 2023			ANTONIO, TX
Unique Number		agnost	t <b>ician</b> : Dor	Baldridge		_	US 78252
Certificate L2367 Test Package				<b>`</b>			
To discuss this sample report, * - Denotes test methods that a						jimmy.romine@	Øenergydi.com T:
Statements of conformity to spec					JCGM 106:2012)		F:
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