

OIL ANALYSIS REPORT

Sample Rating Trend

DIRT



Machine Id GZJ00403 Component

Biogas Engine

PETRO CANADA SENTRON CG 40 (--- GAL)

Sample Date Client Info 24 Oct 2022 17 Oct 2021 Machine Age hrs Client Info 109577 109 Oil Age hrs Client Info 958 790 Oil Changed Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A CONTAMINATION method Imit/base current Water WC Method >0.1 NEG N Water WC Method >0.1 NEG N Wear ppm ASTM D5185m >45 9 7 Chromium ppm ASTM D5185m >2 0 Nickel ppm ASTM D5185m >2 0 Silver ppm ASTM D5185m >10 5 2 2 Auminum ppm ASTM D5185m >14 3 3 3 3 3 3 Copper ppm ASTM D5185m >14	ON CG 40 (0	GAL)	nZOZZ Feb2OZZ Mar2OZZ Apr2OZZ Mar2OZZ JunZOZZ JulZOZZ Aug2OZZ Geg2OZZ Gez2OZZ					
Sample Date Client Info 24 Oct 2022 17 G Machine Age hrs Client Info 109577 109 Oil Age hrs Client Info 958 790 Oil Age hrs Client Info 958 790 Oil Age Kient Info 958 790 Oil Age Client Info N/A N/A Sample Status Method 20.1 NEG N/A CONTAMINATION method imit/base current Method NEG N Water WC Method 20.1 NEG N NEG N WeAR METALS method limit/base current 1 NEG N Iron ppm ASTM D5185m 22 1 1 1 Nickel ppm ASTM D5185m 21 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3<		ATION	method	limit/base	current	history1	history2	
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Oxidation Abs/.1mm *ASTM D7414 >25 10.4 9	ation	Abs/.1mm	*ASTM D7415	>30	22.2	20.9	20.3	
	UID DEGRADA	TION	method	limit/base	current	history1	history2	
Acid Number (AN) mgKOH/g ASTM DR045 0 98 1 28 1	lation	Abs/.1mm	*ASTM D7414	>25	10.4	9.7	9.5	
	Number (AN)	mg KOH/g	ASTM D8045	0.98	1.38	1.37	1.16	
						6.46	6.49	

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Total oil added 66 gal)

Fluid

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. Elemental level of silicon (Si) above normal.

Fluid Condition

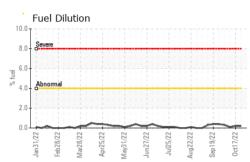
The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

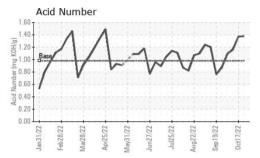
Submitted By: Blain Middleton

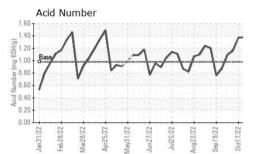
Page 1 of 2

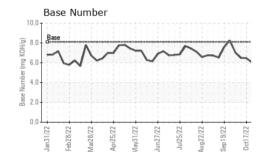


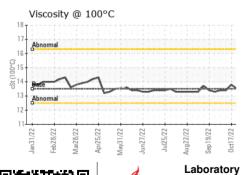
OIL ANALYSIS REPORT



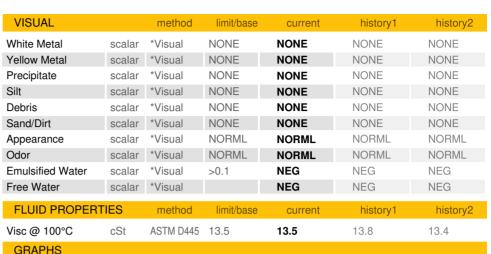


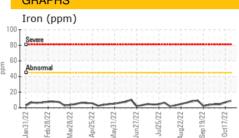






Certificate L2367





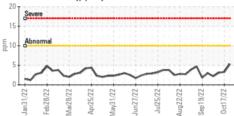


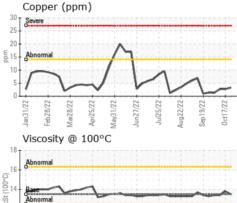
10

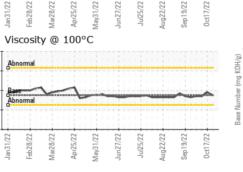
: WC0699056

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.

: 05677421







: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

Received

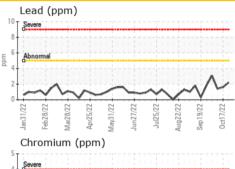
Diagnosed

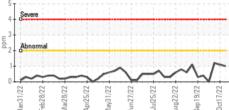
Tested

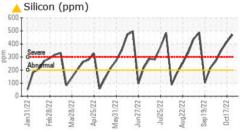
: 26 Oct 2022

: 27 Oct 2022

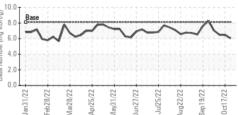
: 31 Oct 2022 - Don Baldridge







Base Number



FINLEY BIOENERGY 74265 Bombing Range Road Boardman, OR US 97818 Contact: Blain Middleton bmiddleton@archaea.energy T: (541)481-3232 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Report Id: FINLEX [WUSCAR] 05677421 (Generated: 03/06/2024 17:26:36) Rev: 1

Sample No.

Lab Number

Unique Number : 10191992

Submitted By: Blain Middleton

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