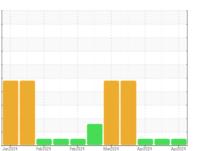


OIL ANALYSIS REPORT

Sample Rating Trend









Pinconning CAT 2 Pinconning CAT 2

Biogas Engine

MOBIL PEGASUS 605 (--- GAL)

DIAGNOSIS

Recommendation

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.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0840764	WC0840757	WC0840756
Sample Date		Client Info		19 Apr 2024	12 Apr 2024	04 Apr 2024
Machine Age	hrs	Client Info		47943	47774	47585
Oil Age	hrs	Client Info		570	401	212
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	l	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0	<1.0	<1.0
Water		WC Method		NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>14	2	1	<1
Chromium	ppm	ASTM D5185m	>3	<1	0	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>5	1	2	1
Lead	ppm	ASTM D5185m	>8	0	0	0
Copper	ppm	ASTM D5185m	>5	3	2	<1
Tin	ppm	ASTM D5185m	>3	2	2	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		88	108	108
Barium	ppm	ASTM D5185m		1	0	0
Molybdenum	ppm	ASTM D5185m		8	8	8
Manganese	ppm	ASTM D5185m		1	1	0
Magnesium	ppm	ASTM D5185m		62	64	55
Calcium	ppm	ASTM D5185m		1565	1522	1588
Phosphorus	ppm	ASTM D5185m		418	436	441
Zinc	ppm	ASTM D5185m		582	582	554
Sulfur	ppm	ASTM D5185m		3902	4108	4067
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>180	145	111	69
Sodium	ppm	ASTM D5185m	>20	3	4	2
Potassium	ppm	ASTM D5185m	>20	0	1	0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Nitration	Abs/cm	*ASTM D7624		3.3	3.2	3.1
Sulfation	Abs/.1mm	*ASTM D7415		17.0	16.7	16.3
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		9.3	9.2	9.1
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	0.71	0.68
Page Number (PNI)	ma 1/011/a	ACTM DOOGS	7 1	4 20	1 50	E 10

4.38

Base Number (BN) mg KOH/g ASTM D2896 7.1



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0840764 Lab Number : 06156189 Unique Number : 10991612

Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Apr 2024 **Tested**

: 23 Apr 2024 Diagnosed : 24 Apr 2024 - Sean Felton

EDL NA Recips-Pinconning Pinconning Powerstation, 2403 E. Whitefeather Road Pinconning, MI US 48650

Contact: KEVIN ACKERMAN kevin.ackerman@edlenergy.com

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: