

OIL ANALYSIS REPORT



NORMAL

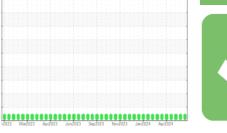


Machine Id JENBACHER GM01 (S/N 1144716)

Biogas Engine Fluid

MAHLER Q8 Mahler G8 SAE 40 (--- GAL)

SAMPLE INFORMATION method





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.

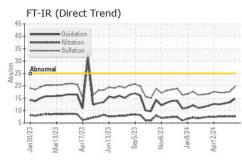
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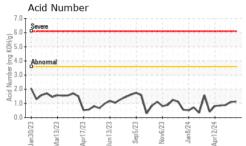
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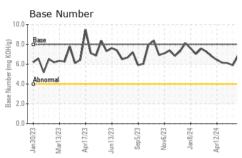
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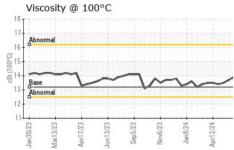


OIL ANALYSIS REPORT









VISUAL				n	nethod	limit	base	cu	rrent		history	/1	h	isto
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ellow Met	al		scalar	*Vi	sual	NONE		NON			ONE			NE
Precipitate			scalar		sual	NONE		NON	_		ONE			NE
Silt			scalar		sual	NONE		NON			ONE			NE
Debris			scalar		sual	NONE		NON			ONE			NE
Sand/Dirt			scalar		sual	NONE		NON			ONE			NE
Appearanc	е		scalar		sual sual	NOR		NOF						RM
Odor Emulsified Water			scalar		sual	NOR	VIL	NOF NEG			ORML EG		NE	RM
Free Water			scalar scalar		sual	>.2		NEG			EG		NE	
FLUID P		-DTI		_	nethod	limit	base		rrent		history	/1		isto
/isc @ 100			cSt		TM D445		Dase	13.9	nent		3.7	1	13.	
GRAPHS			COL	70	1101 D443	10.2		15.5			5.7		10.	5
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_			S	Nc	J	Ap					Se	Nc	¹⁰	Apr
Aluminur	n (ppr	m)					12	Chron	nium (ppm)				
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Copper (ppm)							Silicor	n (ppm)				
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Severe							400	1						
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			33	Nc	5L	Ap					S	Nc	βĻ	Apt
Viscosity	@ 10	0°C				******	10.0	Base	Numbe	er				
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							y Bm) 6.0	N	N	vn	~	5	~~	1
Base	7-	~	-	~	1000		Base Number (mg KOH/g) 4.0	Abnorma	1					
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Jan30/23	Apr17/23	Jun13/23	Sep5/23 -	Nov6/23 -	Jan8/24 -	Apr12/24 +	0.0	Jan30/23	Mari 3/23 + Aori 7/23 +	Jun13/23	Sep5/23	Nov6/23	Jan8/24 -	Apr12/24

PINE RIDGE Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : WC0852946 105 BAILEY JESTER RD Received : 16 May 2024 Lab Number : 06181521 Tested : 17 May 2024 GRIFFIN, GA Unique Number : 11032847 Diagnosed : 20 May 2024 - Sean Felton US 30224 Test Package : MOB 2 Contact: STEPHEN SAVAGE Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. stephen.savage@cubedistrictenergy.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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Contact/Location: STEPHEN SAVAGE - PINGRI