

OIL ANALYSIS REPORT

Sample Rating Trend





JENBACHER GM01

Fluid MAHLER Q8 Mahler G8 SAE 40 (--- 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.

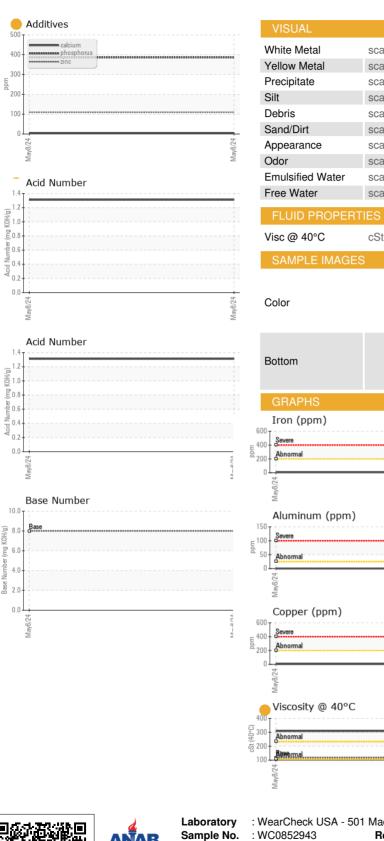
Fluid Condition

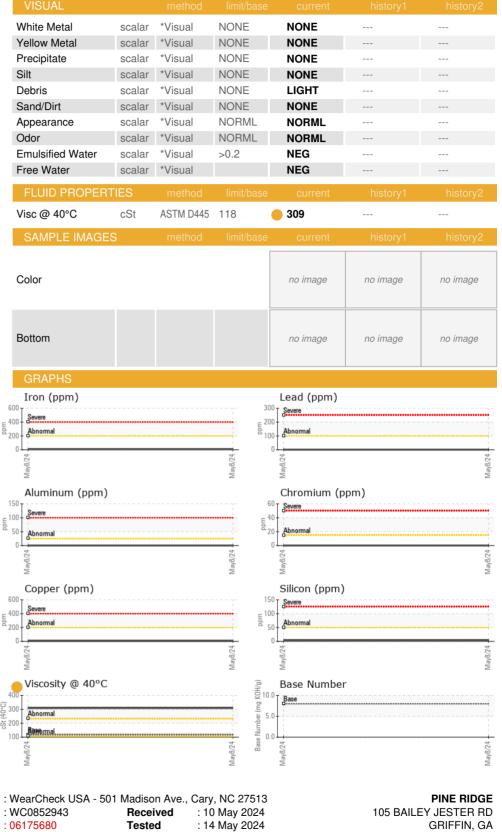
The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0852943		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		52272		
Oil Age	hrs	Client Info		1242		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	8		
Chromium	ppm	ASTM D5185m	>15	0		
Nickel	ppm	ASTM D5185m	>15	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>200	4		
Tin	ppm	ASTM D5185m	>25	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		e 26		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		2 9		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		<u> </u>		
Phosphorus	ppm	ASTM D5185m		386		
Zinc	ppm	ASTM D5185m		<u> </u>		
Sulfur	ppm	ASTM D5185m		8488		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	4		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.31		



OIL ANALYSIS REPORT





Lab Number : 06175680 Unique Number : 11021733 Diagnosed : 14 May 2024 - Don Baldridge Test Package : MOB 2 (Additional Tests: TBN) 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: PINGRI [WUSCAR] 06175680 (Generated: 05/14/2024 19:06:28) Rev: 1

Contact/Location: STEPHEN SAVAGE - PINGRI

US 30224

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