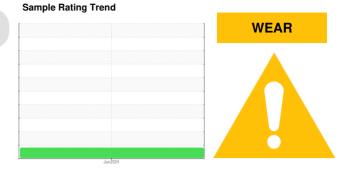


# **OIL ANALYSIS REPORT**

# STAUFFER BISCUIT 400-836-14M18

Gearbox

{not provided} (--- GAL)



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

The iron level is abnormal. All other component wear rates are normal.

### Contamination

There is no indication of any contamination in the

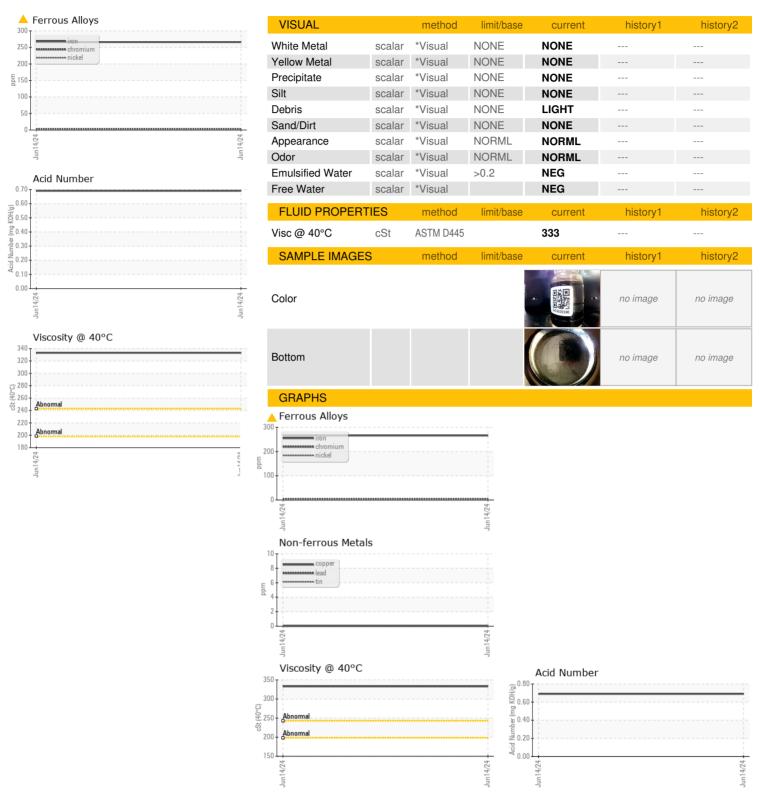
### **Fluid Condition**

Viscosity of sample indicates oil is within ISO 320 range, advise investigate. The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0929590		
Sample Date		Client Info		14 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	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	<b>266</b>		
Chromium	ppm	ASTM D5185m	>15	3		
Nickel	ppm	ASTM D5185m	>15	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>200	0		
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		19		
Barium	ppm	ASTM D5185m		89		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		8		
Phosphorus	ppm	ASTM D5185m		376		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		5410		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	16		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.69		



# **OIL ANALYSIS REPORT**







Laboratory Sample No.

Lab Number : 06221388 Unique Number : 11099585

: WC0929590

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Jun 2024 **Tested** : 27 Jun 2024

Diagnosed : 28 Jun 2024 - Angela Borella

Test Package : IND 2 Certificate 12367 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

**MOTOR TECHNOLOGY INC** 

515 WILLOW SPRINGS LN YORK, PA

US 17406

Contact: Bill Trimmer btrimmer@motortechnologyinc.com

T: (717)266-4045

Report Id: MOTYOR [WUSCAR] 06221388 (Generated: 06/29/2024 06:05:34) Rev: 1

Contact/Location: Bill Trimmer - MOTYOR