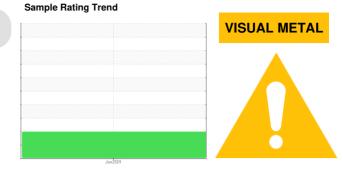


OIL ANALYSIS REPORT

STAUFFER BISCUIT 400-836-14M15

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. High concentration of visible metal present. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the

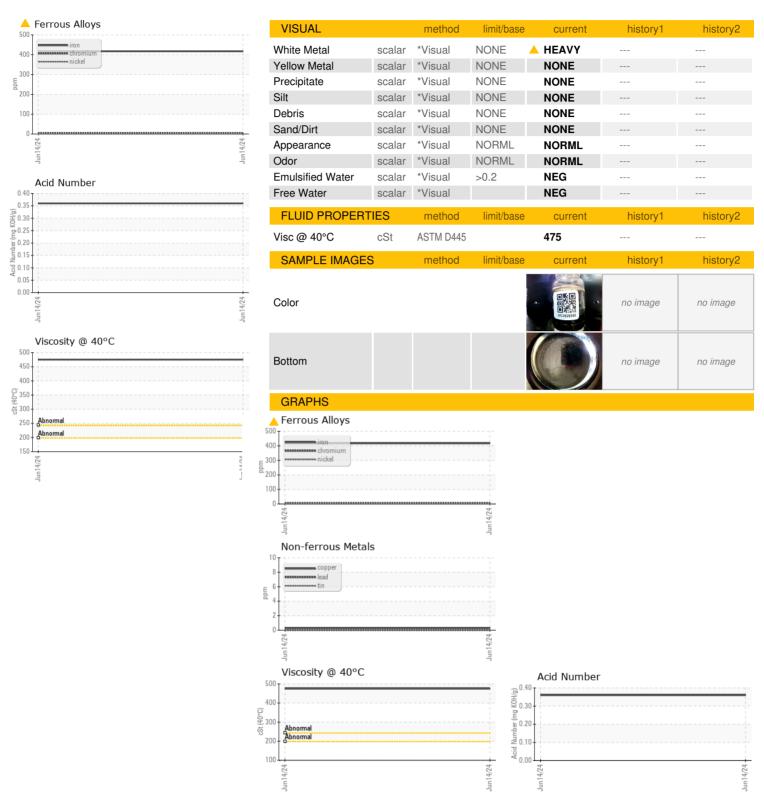
Fluid Condition

Viscosity of sample indicates oil is within ISO 460 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0929588		
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		
CONTAMINATIO	V	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	417		
Chromium	ppm	ASTM D5185m	>15	5		
Nickel	ppm	ASTM D5185m	>15	<1		
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	<1		
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		3		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		3		
Magnesium	ppm	ASTM D5185m		3		
Calcium	ppm	ASTM D5185m		12		
Phosphorus	ppm	ASTM D5185m		466		
Zinc	ppm	ASTM D5185m		22		
Sulfur	ppm	ASTM D5185m		1428		
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	6		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	3		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.36		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06221383 Unique Number : 11099580

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0929588

Received **Tested** Test Package : IND 2

: 26 Jun 2024 : 27 Jun 2024 : 28 Jun 2024 - Angela Borella

Diagnosed

Contact: Bill Trimmer btrimmer@motortechnologyinc.com T: (717)266-4045

MOTOR TECHNOLOGY INC

515 WILLOW SPRINGS LN

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) Contact/Location: Bill Trimmer - MOTYOR

Report Id: MOTYOR [WUSCAR] 06221383 (Generated: 06/28/2024 10:00:33) Rev: 1

YORK, PA

US 17406