

OIL ANALYSIS REPORT

Sample Rating Trend



BLUE CRANE SOUTH

Component

Hoisting Gearbox

{not provided} (--- GAL)

Recommendation

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

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

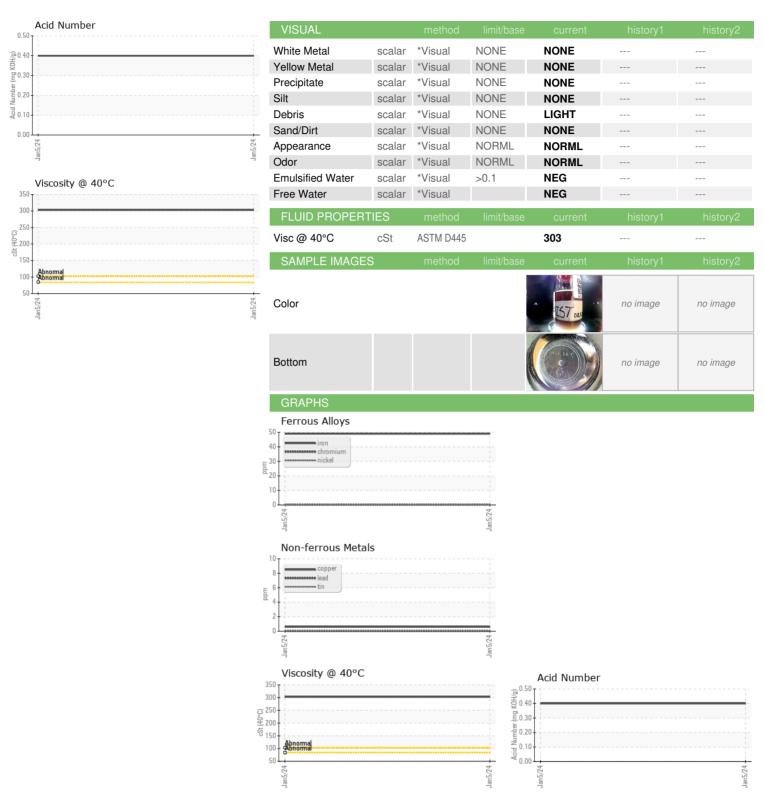
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

				Jan2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Client Info	mmusacc	WC0819601		
Sample Number Sample Date		Client Info		05 Jan 2024		
Machine Age	hrs	Client Info		05 5411 2024		
Oil Age	hrs	Client Info		0		
Oil Changed	1115	Client Info		N/A		
Sample Status		Ciletit IIIIO		NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
	V				HISTORY	HISTOLYZ
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	49		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		16		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		207		
Phosphorus	ppm	ASTM D5185m		336		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		10999		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	10		
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		0.40		



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Certificate L2367

Laboratory Sample No. Lab Number Unique Number

: 06061330 : 10832712 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0819601 Recieved Diagnosed

Diagnostician

: 16 Jan 2024 : 17 Jan 2024 : Don Baldridge

THE WARREN CO. 2201 LOVELAND AVE

ERIE, PA US 16506

Contact: RILEY WARREN

riley.warren@thewarrencompany.com

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)

F: (814)833-7251

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