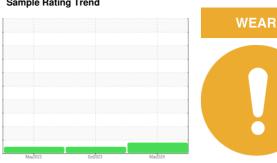


# **OIL ANALYSIS REPORT**

## Sample Rating Trend



## **AMR**-Manchester 646242 144845

Splitter Box

LIEBHERR GEAR BASIC 90 LS (--- GAL)

### Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

An increase in the iron level is noted. All other component wear rates are normal.

### Contamination

There is no indication of any contamination in the

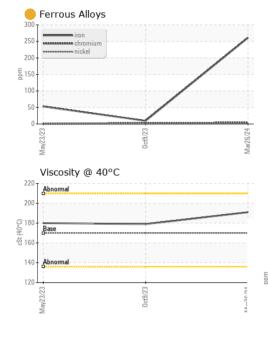
### **Fluid Condition**

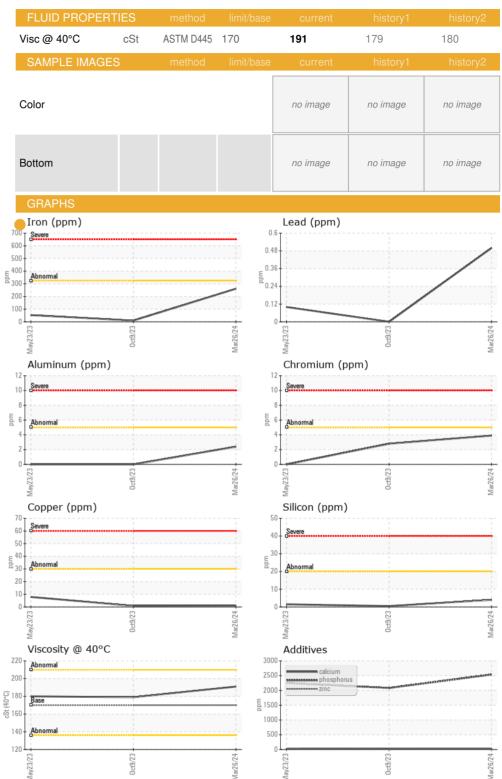
The condition of the oil is acceptable for the time in service.

		Ma	/2023	Oct2023 Mar20	24	
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		DJJ0013965	DJJ0019185	DJJ0013563
Sample Date		Client Info		26 Mar 2024	09 Oct 2023	23 May 2023
Machine Age	hrs	Client Info		1529	991	500
Oil Age	hrs	Client Info		250	250	0
Oil Changed		Client Info		Changed	Changed	N/A
Sample Status				ATTENTION	NORMAL	NORMAL
CONTAMINATION	1	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>325	<b>261</b>	10	53
Chromium	ppm	ASTM D5185m	>5	4	3	0
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>5	2	0	0
Lead	ppm	ASTM D5185m		<1	0	<1
Copper	ppm	ASTM D5185m	>30	1	<1	8
Tin	ppm	ASTM D5185m		<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	40
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	<1
Manganese	ppm	ASTM D5185m	0	1	0	1
Magnesium	ppm	ASTM D5185m	<1	<1	1	2
Calcium	ppm	ASTM D5185m	<1	23	17	31
Phosphorus	ppm	ASTM D5185m	2143	2538	2082	2250
Zinc	ppm	ASTM D5185m	<1	11	18	24
Sulfur	ppm	ASTM D5185m	23468	32111	29397	34802
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	4	<1	2
Sodium	ppm	ASTM D5185m		1	<1	3
Potassium	ppm	ASTM D5185m	>20	1	2	4
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



# **OIL ANALYSIS REPORT**









Certificate 12367

Laboratory Sample No.

: DJJ0013965 Lab Number : 06147819 Unique Number : 10977897

Test Package : MOBCE

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 12 Apr 2024 **Tested** 

: 15 Apr 2024 Diagnosed : 16 Apr 2024 - Don Baldridge

ADVANTAGE METALS RECYCLING - MANCHESTER 3005 MANCHESTER TRAFFICWAY KANSAS CITY, MO US 64129

Contact: STEVE BROWN steve.brown@advantagerecycling.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: (816)861-7670

Report Id: ADVKANMAN [WUSCAR] 06147819 (Generated: 04/17/2024 18:52:16) Rev: 1

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