

WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

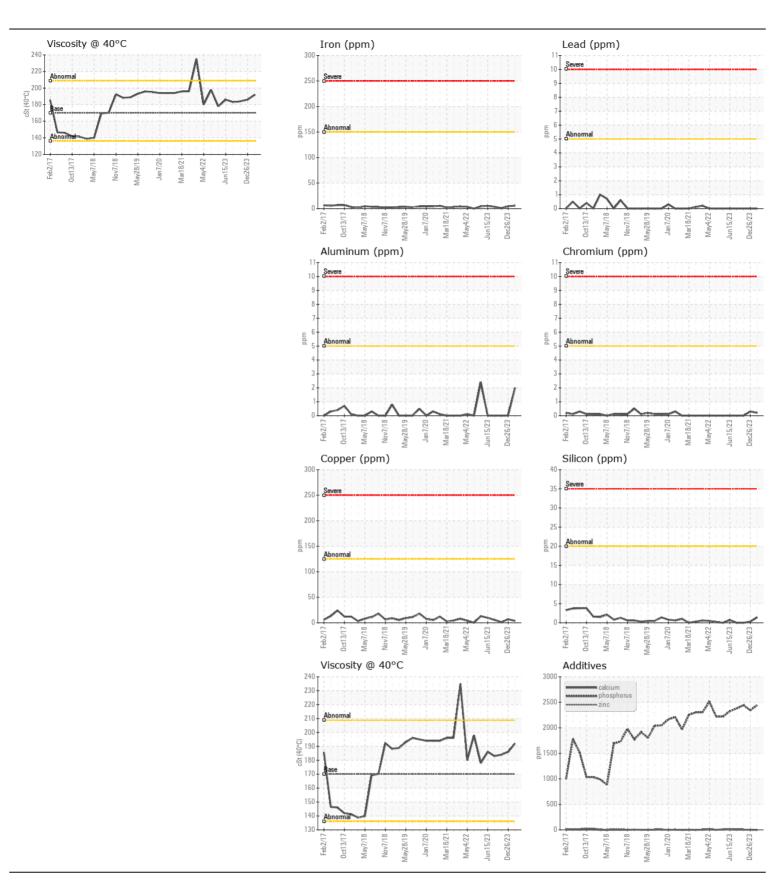


AMR-12th Street

339324 LIEBHERR LH60M 1204-86896

Rear Differential

LIEBHERR GEAR BASIC 90 LS	6 (11 GAL)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		DJJ0013948	DJJ0017132	DJJ0013874
	Sample Date		Client Info		11 Jun 2024	26 Dec 2023	15 Sep 2023
	Machine Age	hrs	Client Info		15501	15052	14489
	Oil Age	hrs	Client Info		500	1000	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		Not Changd	Changed	Not Changd
	Filter Changed		Client Info		N/A	N/A	N/A
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>150	6	4	4
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>5	<1	<1	0
	Nickel	ppm	ASTM D5185m	>10	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m	>5	2	0	0
	Lead	ppm	ASTM D5185m		0	0	0
	Copper	ppm	ASTM D5185m		4	7	6
	Tin	ppm	ASTM D5185m	>5	0	0	<1
	Vanadium	ppm	ASTM D5185m		0	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	1	<1	0
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	<1	0	5
	Water		WC Method	>0.2	NEG	NEG	NEG
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	LIGHT	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
FLUID CONDITION	Sodium	ppm	ASTM D5185m		0	<1	4
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	0	<1	0	0
	Barium	ppm	ASTM D5185m	0	0	0	0
	Molybdenum	ppm	ASTM D5185m	0	0	0	0
	Manganese	ppm	ASTM D5185m		0	<1	0
	Magnesium	ppm	ASTM D5185m		<1	0	4
	Calcium	ppm	ASTM D5185m		0	0	4
	Phosphorus	ppm	ASTM D5185m		2442	2342	2442
	Zinc	ppm	ASTM D5185m		5	0	2
	Sulfur	ppm	ASTM D5185m		26407	28316	27810
Papart Id: ADVI/ANII LI IMI ISCADI 06916150 (Canaratad: 06/99/9094 05:90:47) Payr 1	Visc @ 40°C	cSt	ASTM D445		192	186	184 NDVKANI H





Certificate L2367

Laboratory Sample No.

: DJJ0013948 Lab Number : 06216159 Unique Number : 11089023

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 20 Jun 2024 **Tested** : 21 Jun 2024

: 21 Jun 2024 - Wes Davis Diagnosed

ADVANTAGE METALS RECYCLING - 12 STREET

1153 S. 12TH STREET KANSAS CITY, KS

US 66105

Contact: JOHN PEEK john.peek@advantagerecycling.com

T: (660)424-9134

Test Package : MOBCE 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. F: (913)621-2766 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)