

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

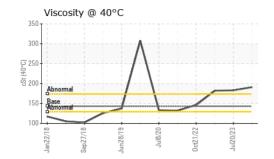


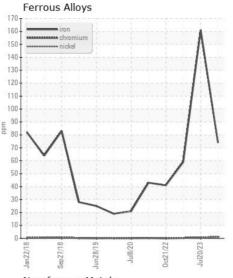
RMR-Trinity

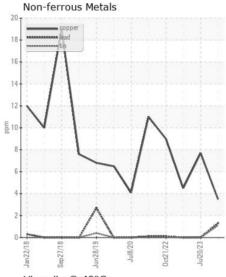
1216-96585 LIEBHERR LH50M 1216-96585

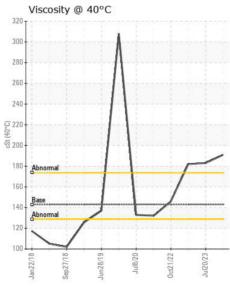
Front Left Wheel Hub

GEAR OIL SAE 80W90 (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		DJJ0022463	DJJ0019893	DJJ0010678
	Sample Date		Client Info		12 Apr 2024	20 Jul 2023	03 Mar 2023
	Machine Age	hrs	Client Info		11651	10527	10023
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		N/A	Changed	N/A
	Filter Changed		Client Info		N/A	N/A	N/A
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>325	74	161	59
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>3	1	<1	<1
	Nickel	ppm	ASTM D5185m	>2	1	0	<1
	Titanium	ppm	ASTM D5185m	>4	<1	<1	0
	Silver	ppm	ASTM D5185m	>2	<1	0	0
	Aluminum	ppm	ASTM D5185m	>10	2	1	2
	Lead	ppm	ASTM D5185m	>3	1	0	0
	Copper	ppm	ASTM D5185m	>70	4	8	4
	Tin	ppm	ASTM D5185m	>2	1	0	0
	Vanadium	ppm	ASTM D5185m		<1	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>70	5	5	2
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	3	1	1
	Water		WC Method	>0.2	NEG	NEG	NEG
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
	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	>170	14	15	8
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	400	25	46	28
·	Barium	ppm	ASTM D5185m	200	0	0	0
	Molybdenum	ppm	ASTM D5185m	12	1	0	<1
	Manganese	ppm	ASTM D5185m		2	2	1
	Magnesium	ppm	ASTM D5185m	12	2	1	3
	Calcium	ppm	ASTM D5185m		79	102	65
	Phosphorus	ppm	ASTM D5185m		2086	2075	1888
	Zinc	ppm	ASTM D5185m		60	58	39
	Sulfur	ppm	ASTM D5185m		28401	25056	28569
Papart Id: DIV/TDI IM/I ISC ADI 06152270 (Canaratad: 04/22/2024 05:22:25) Pays 1	Visc @ 40°C	cSt	ASTM D445		191	183	182











Laboratory Sample No.

: DJJ0022463 Lab Number : 06152378

Unique Number : 10982456

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Apr 2024

Tested : 18 Apr 2024 Diagnosed

: 22 Apr 2024 - Sean Felton

RIVER METALS RECYCLING - DECATUR FACILITY 4301 IVERSON BLVD

TRINITY, AL US 35673 Contact: RYAN BOWDEN

Test Package : CONST Certificate L2367 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)

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F: