

WEAR
CONTAMINATION
FLUID CONDITION

NORMAL NORMAL



RMR-Trinity

1216-96585 LIEBHERR LH50M 1216-96585

Rear Left Wheel Hub

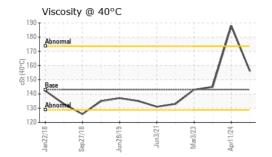
GEAR OIL SAE 80W90 (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Number		Client Info		DJJ0022462	DJJ0022465	DJJ0019894
	Sample Date		Client Info		12 Apr 2024	11 Apr 2024	20 Jul 2023
	Machine Age	hrs	Client Info		11651	11651	10527
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		N/A	N/A	Changed
	Filter Changed		Client Info		N/A	N/A	N/A
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>325	48	96	45
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>3	1	1	0
	Nickel	ppm	ASTM D5185m	>2	1	1	0
	Titanium	ppm	ASTM D5185m	>4	<1	<1	<1
	Silver	ppm	ASTM D5185m	>2	<1	<1	0
	Aluminum	ppm	ASTM D5185m	>10	1	3	<1
	Lead	ppm	ASTM D5185m		1	1	0
	Copper	ppm	ASTM D5185m		6	7	5
	Tin	ppm	ASTM D5185m	>2	1	1	0
	Vanadium	ppm	ASTM D5185m		<1	<1	<1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION There is no indication of any contamination in the oil.	Silicon	ppm	ASTM D5185m	>70	4	10	2
	Potassium	ppm	ASTM D5185m	>20	2	3	0
	Water		WC Method	>0.2	NEG	NEG	NEG
	Silt	scalar	*Visual	NONE	NONE	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 Emulaified Water	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	Sudiai	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		4	14	4
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m		129	30	181
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m	12	2	1	<1
	Manganese	ppm	ASTM D5185m	10	2	3	<1
	Magnesium	ppm	ASTM D5185m		3	2	1
	Calcium	ppm	ASTM D5185m		44 1905	69	40
	Phosphorus Zinc	ppm	ASTM D5185m ASTM D5185m		1805 30	2252 55	1613 19
	Sulfur	ppm	ASTM D5185m		25701	30109	25056
	Juliui	ppm	AO INI DO IOOIII	22300	23/01	30103	23030

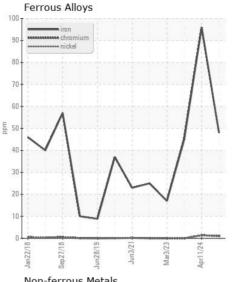
Visc @ 40°C

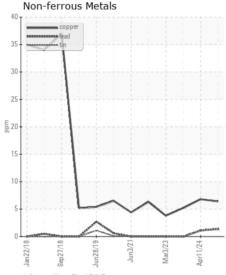
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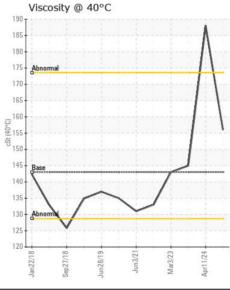
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ASTM D445 143











Certificate L2367

Laboratory Sample No.

Lab Number : 06152379

: DJJ0022462 Unique Number: 10982457 Test Package : CONST

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

: 18 Apr 2024 Diagnosed

: 18 Apr 2024 - Wes Davis

RIVER METALS RECYCLING - DECATUR FACILITY 4301 IVERSON BLVD

TRINITY, AL US 35673 Contact: RYAN BOWDEN

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: