

WEAR
CONTAMINATION
FLUID CONDITION

NORMAL NORMAL

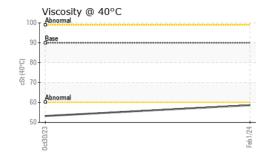


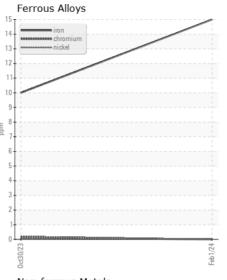
## LIEBHERR LH40M MH-12 (S/N 142301)

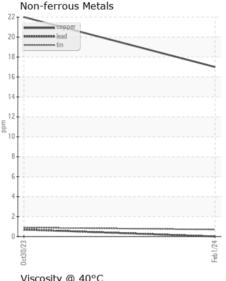
Component

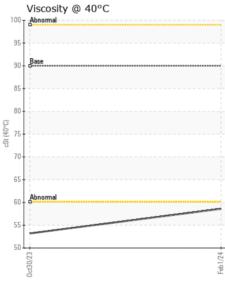
1 Transmission

LIEBHERR MOTOROIL 10W-40	(3 LTR)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number	00111	Client Info	Little/tori	LH0272192	LH0258587	
Resample at the next service interval to monitor.	Sample Date		Client Info		01 Feb 2024	30 Oct 2023	
	Machine Age	hrs	Client Info		4277	1195	
	Oil Age	hrs	Client Info		1000	1195	
	Filter Age	hrs	Client Info		0	0	
	Oil Changed		Client Info		Changed	Changed	
	Filter Changed		Client Info		N/A	N/A	
	Sample Status				NORMAL	NORMAL	
WEAR	Iron	ppm	ASTM D5185m	>150	15	10	
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0	<1	
	Nickel	ppm	ASTM D5185m		0	<1	
	Titanium	ppm	ASTM D5185m		0	0	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>10	2	2	
	Lead	ppm	ASTM D5185m		0	<1	
	Copper	ppm	ASTM D5185m	>250	17	22	
	Tin	ppm	ASTM D5185m	>5	<1	<1	
	Vanadium	ppm	ASTM D5185m		0	<1	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	O'!!		AOTA DELOE	4			
CONTAMINATION	Silicon	ppm	ASTM D5185m		4	3	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		1	3	
	Water		WC Method	>0.1	NEG	NEG	
	Silt Debris	scalar	*Visual *Visual	NONE NONE	NONE NONE	NONE NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
ELUID CONDITION							
FLUID CONDITION	Sodium	ppm	ASTM D5185m	045	20	33	
The condition of the oil is acceptable for the time in service.	Boron Barium	ppm	ASTM D5185m ASTM D5185m		156	75 0	
	Molybdenum	ppm	ASTM D5185m		0	0	
	Manganese	ppm	ASTM D5185m		11	11	
	Magnesium	ppm	ASTM D5185m		481	267	
	Calcium	ppm	ASTM D5185m		1911	2547	
	Phosphorus	ppm	ASTM D5185m		902	997	
	Zinc	ppm	ASTM D5185m		927	1071	
	Sulfur	ppm	ASTM D5185m		5458	6843	
	Visc @ 40°C	cSt	ASTM D445		58.6	53.2	
Parasit Id. IDV IOLI BALLICO ADI 0000 MAGE (Carasistadi 00/10/0004 11.41.50) Paris 1	<b>-</b>						A CIZININI ONI













Certificate L2367

Laboratory Sample No.

Lab Number : 06084405 Unique Number : 10871850 Test Package : CONST

: LH0272192

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Feb 2024 **Tested** : 09 Feb 2024

Diagnosed : 12 Feb 2024 - Sean Felton

**JR VINAGRO** 2208 PLAINFIELD PIKE

JOHNSTON, RI US 02919

Contact: Service Manager

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)

Report Id: JRVJOH [WUSCAR] 06084405 (Generated: 02/12/2024 11:41:55) Rev: 1

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