

Machine Id LIEBHERR L566 1758-71605 Component

Rear Left Wheel Hub Fluid LIEBHERR GEAR BASIC 90 LS	· (GAL)						
RECOMMENDATION			N 4 - Al I	Line in /Allen	2	1.12-1-1-1	I l'atam o
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition.	Sample Number		Client Info		LH0277177		
	Sample Date	la u a	Client Info		10 Jul 2024		
	Machine Age	hrs	Client Info		2470		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed				Changed		
	Filter Changed Sample Status		Client Info		None ABNORMAL		
MEAD							
WEAR	Iron	ppm	ASTM D5185m		256		
Bearing and/or bushing wear is indicated. All other metal levels are typical for a new component breaking in.	Chromium	ppm	ASTM D5185m		2		
	Nickel	ppm	ASTM D5185m	>5	5		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m	_	0		
	Aluminum	ppm	ASTM D5185m		1		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m	>50	<u> </u>		
	Tin	ppm	ASTM D5185m		7		
	Vanadium	ppm	ASTM D5185m	NONE	0		
	White Metal	scalar	*Visual	NONE	MODER		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	15		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	<1		
	Water		WC Method	>0.2	NEG		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.2	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		4		
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m		0		
	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m		0		
	Manganese	ppm	ASTM D5185m		22		
	Magnesium	ppm	ASTM D5185m		3		
	Calcium	ppm	ASTM D5185m		10		
	Phosphorus	ppm	ASTM D5185m		2671		
	Zinc	ppm	ASTM D5185m	<1	29		

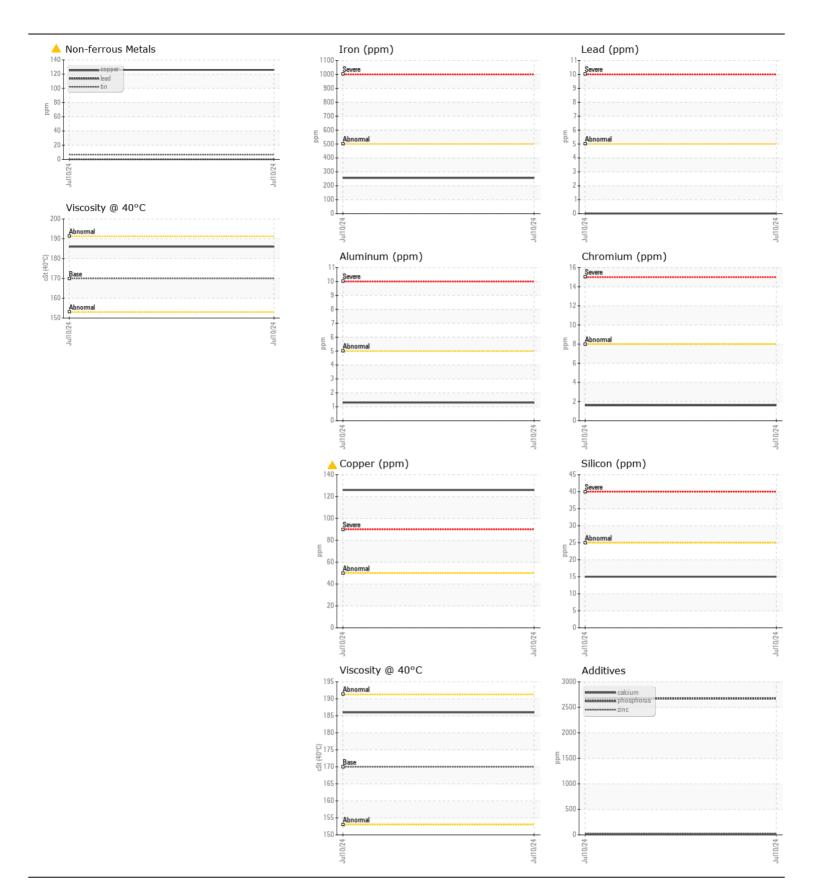
Sulfur

Visc @ 40°C

ASTM D5185m 23468

ASTM D445 170

37006 186





Laboratory Sample No.

: LH0277177 **Lab Number** : 06237190 Unique Number : 11126024 Test Package : MOBCE

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

Diagnosed

: 17 Jul 2024

: 15 Jul 2024

: 17 Jul 2024 - Don Baldridge

BARRETT/COLAS 4800 SOLVAY RD JAMESVILLE, NY

US 13078 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)

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