

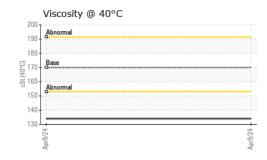
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL** NORMAL

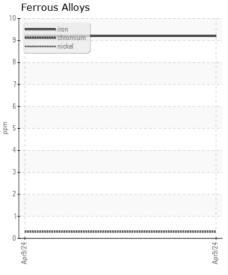


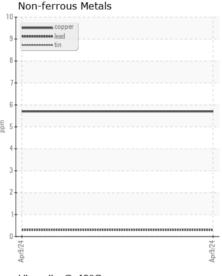
145797-1218 LIEBHERR LH80M 145797-1218

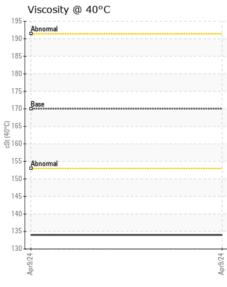
Rear Left Wheel Hub

LIEBHERR GEAR BASIC 90 LS	6 (GAL)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		LH0259161		
	Sample Date		Client Info		09 Apr 2024		
	Machine Age	hrs	Client Info		1579		
	Oil Age	hrs	Client Info		500		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		Changed		
	Filter Changed		Client Info		Changed		
	Sample Status				NORMAL		
WEAR	Iron	ppm	ASTM D5185m	>650	9		
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		<1		
	Nickel	ppm	ASTM D5185m		<1		
	Titanium	ppm	ASTM D5185m		<1		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>25	2		
	Lead	ppm	ASTM D5185m	>4	<1		
	Copper	ppm	ASTM D5185m	>60	6		
	Tin	ppm	ASTM D5185m	>4	<1		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	~75	4		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		1		
	Water	ррпп	WC Method	>0.2	NEG		
	Silt	scalar	*Visual	NONE	LIGHT		
	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		ACTM DE10Em				
	Boron	ppm	ASTM D5185m ASTM D5185m	0	2 145		
The condition of the oil is acceptable for the time in service.	Barium	ppm	ASTM D5185m		145		
	Molybdenum	ppm	ASTM D5185m		6		
	Manganese	ppm	ASTM D5185m		<1		
	Magnesium	ppm	ASTM D5185m		34		
	Calcium	ppm	ASTM D5185m		85		
	Phosphorus	ppm	ASTM D5185m		2518		
	Zinc	ppm	ASTM D5185m		58		
	Sulfur	ppm	ASTM D5185m		21423		
	Visc @ 40°C	cSt	ASTM D445		134		
Papart Id: TEVHOLIMC [MILICOAD] 06915151 (Caparated: 06/91/9094 14:06:05) Pay: 1	-				Location: Do	do Chow T	EVHOLIMO











Certificate L2367

Laboratory Sample No.

: LH0259161 Lab Number : 06215151 Unique Number : 11088015 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Jun 2024 **Tested**

: 20 Jun 2024 Diagnosed : 21 Jun 2024 - Sean Felton

8945 MANCHESTER ST HOUSTON, TX

TEXAS PORT RECYCLING - HOUSTON PORT

US 77012 Contact: Dale Shaw

To discuss this sample report, contact Customer Service at 1-800-237-1369.

dale.shaw@tmrecycling.com T:

* - 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)

F: (713)921-5545 Contact/Location: Dale Shaw - TEXHOUWC