

Machine Id Component Swing Drive

IEBHERR LH60M 1217-146314

LIEBHERR GEAR BASIC 90 LS (--- GAL)

Resample at the next service interval to monitor.
riesample at the next service interval to monitor.

ECOMMENDATION

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

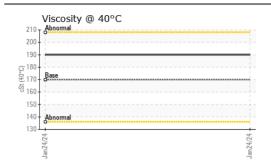
FLUID CONDITION

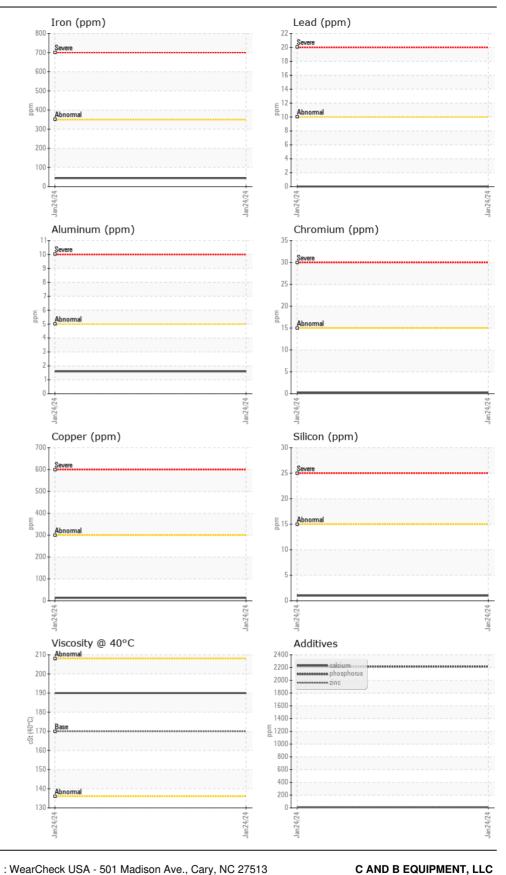
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0286181		
Sample Date		Client Info		24 Jan 2024		
Machine Age	hrs	Client Info		2000		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				NORMAL		
			050			
Iron	ppm	ASTM D5185m	>350	44		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	-	0		
Aluminum	ppm	ASTM D5185m	>5	2		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>300	13		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>15	1		
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		
Sodium	ppm	ASTM D5185m		1		
			0			
Boron	ppm	ASTM D5185m	0	<1		
Boron Barium	ppm ppm	ASTM D5185m ASTM D5185m	0	<1 0		
			0			
Barium	ppm	ASTM D5185m	0	0		
Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m	0	0 <1		
Barium Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	0 0 0	0 <1 <1		
Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 0 <1	0 <1 <1 1		
Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 <1 <1	0 <1 <1 1 11	 	
Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 <1 <1 2143	0 <1 <1 1 11 2216	 	

Report Id: CANGHE [WUSCAR] 06121779 (Generated: 03/19/2024 20:47:58) Rev: 1

Submitted By: ?







Sample No. Received : LH0286181 : 18 Mar 2024 Lab Number : 06121779 : 19 Mar 2024 Tested Unique Number : 10935930 : 19 Mar 2024 - Wes Davis Diagnosed Test Package : MOBCE Contact: Service Manager 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)

US 41045

T:

F:

Laboratory