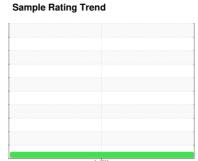


OIL ANALYSIS REPORT









LIEBHERR LH50M 147036

Component
Front Right Final Drive
Fluid
GEAR OIL SAE 80W90 (--- G

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

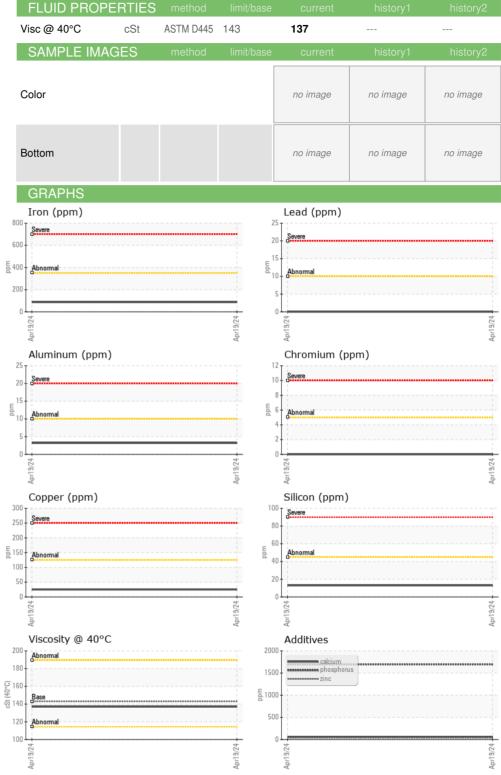
The condition of the oil is acceptable for the time in service.

(GAL)				Apr2024			
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		PCA0100573			
Sample Date		Client Info		19 Apr 2024			
Machine Age	hrs	Client Info		1080			
Oil Age	hrs	Client Info		1080			
Oil Changed		Client Info		Changed			
Sample Status				NORMAL			
CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2	
Vater		WC Method	>0.2	NEG			
WEAR METAL	_S	method	limit/base	current	history1	history2	
ron	ppm	ASTM D5185m	>350	87			
Chromium	ppm	ASTM D5185m	>5	0			
Nickel	ppm	ASTM D5185m	>5	0			
Titanium	ppm	ASTM D5185m		<1			
Silver	ppm	ASTM D5185m		0			
Aluminum	ppm	ASTM D5185m	>10	3			
_ead	ppm	ASTM D5185m	>10	0			
Copper	ppm	ASTM D5185m	>125	25			
- Tin	ppm	ASTM D5185m	>10	0			
/anadium	ppm	ASTM D5185m		0			
Cadmium	ppm	ASTM D5185m		0			
ADDITIVES		method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	400	54			
Barium	ppm	ASTM D5185m	200	<1			
Molybdenum	ppm	ASTM D5185m	12	<1			
Manganese	ppm	ASTM D5185m		4			
Magnesium	ppm	ASTM D5185m	12	1			
Calcium	ppm	ASTM D5185m	150	62			
Phosphorus	ppm	ASTM D5185m	1650	1696			
Zinc	ppm	ASTM D5185m	125	38			
Sulfur	ppm	ASTM D5185m	22500	29680			
CONTAMINAN	NTS	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>45	13			
Sodium	ppm	ASTM D5185m	>170	10			
Potassium	ppm	ASTM D5185m	>20	4			
VISUAL		method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE			
Yellow Metal	scalar	*Visual	NONE	NONE			
Precipitate	scalar	*Visual	NONE	NONE			
Silt	scalar	*Visual	NONE	NONE			
Debris	scalar	*Visual	NONE	NONE			
Sand/Dirt	scalar	*Visual	NONE	NONE			
	scalar	*Visual	NORML	NORML			
Appearance	Journ						
Odor	scalar	*Visual	NORML	NORML			
			NORML >0.2				



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Test Package : MOB 1

: PCA0100573 Lab Number : 06174318 Unique Number : 11020371

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 May 2024 **Tested** : 10 May 2024

Diagnosed : 10 May 2024 - Wes Davis

EQUIPMENT MANAGEMENT SERVICES 11042 WICKER AVE

CEDAR LAKE, IN US 46303

Contact: TIM

T: (219)670-7876

tim@equipmanagement.com

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: EQUCED [WUSCAR] 06174318 (Generated: 05/10/2024 12:39:09) Rev: 1

Contact/Location: TIM ? - EQUCED