

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id LIEBHERR LH22M 142190-1250

Rear Differential

GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

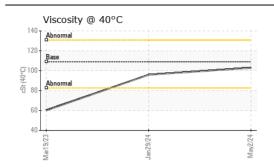
FLUID CONDITION

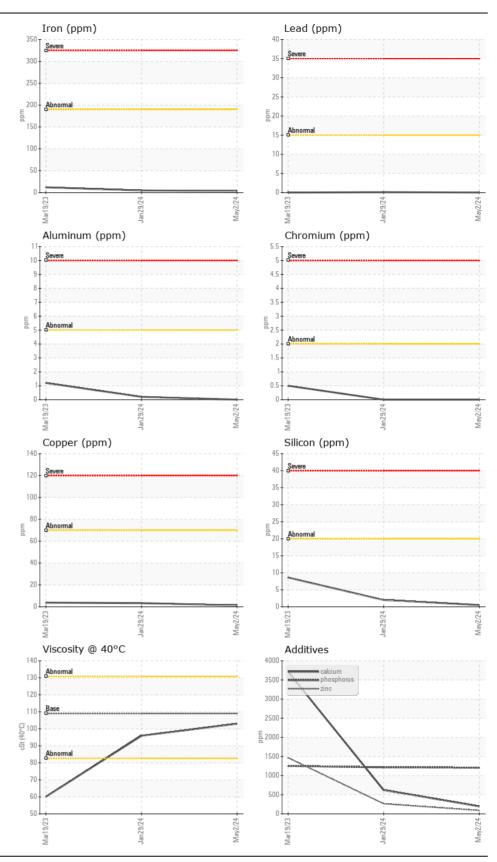
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0291307	LH0285128	LH0257001
Sample Date		Client Info		02 May 2024	29 Jan 2024	19 Mar 2023
Machine Age	hrs	Client Info		2979	2241	754
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>190	3	5	12
Chromium	ppm	ASTM D5185(m)	>2	0	0	<1
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	_	0	0	0
Aluminum	ppm	ASTM D5185(m)	>5	0	<1	1
Lead	ppm	ASTM D5185(m)	>15	0	<1	0
Copper	ppm	ASTM D5185(m)	>70	1	3	4
Tin	ppm	ASTM D5185(m)	>2	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	<1	2	9
Potassium	ppm	ASTM D5185(m)	>20	<1	1	2
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		2	4	15
Boron	ppm	ASTM D5185(m)	400	292	264	103
Barium	ppm	ASTM D5185(m)	200	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	12	0	0	0
Manganese	ppm	ASTM D5185(m)	. –	0	0	3
Magnesium	ppm	ASTM D5185(m)	12	2	3	11
Calcium	ppm	ASTM D5185(m)	150	- 196	622	3715
Phosphorus	ppm	ASTM D5185(m)	1650	1206	1215	1253
Zinc	ppm	ASTM D5185(m)	125	90	265	1468
Sulfur	ppm	ASTM D5185(m)	22500	19454	18415	3126
	cSt	ASTM D7279(m)	109	103	95.9	60.1
Visc @ 40°C	COL					

Report Id: COM847CON [WCAMIS] 02633295 (Generated: 05/03/2024 16:38:57) Rev: 1

Submitted By: ?







 Sample No.
 : LH0291307
 Received
 : 03 May 2024

 Iso 17025:2017
 Lab Number
 : 02633295
 Tested
 : 03 May 2024

 Accredited Laboratory
 Unique Number
 : 5774448
 Diagnosed
 : 03 May 2024 - Wes Davis

 To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Tested at external lab.
 : 04 mathematical at external lab.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

CALA

Laboratory

T:

F: