

Machine Id LIEBHERR LH40M 1215-124371

Component Swing Drive

GEAR OIL SAE 80W90 (--- GAL)

	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.

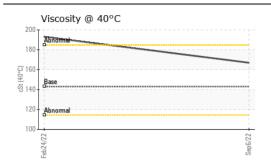
FLUID CONDITION

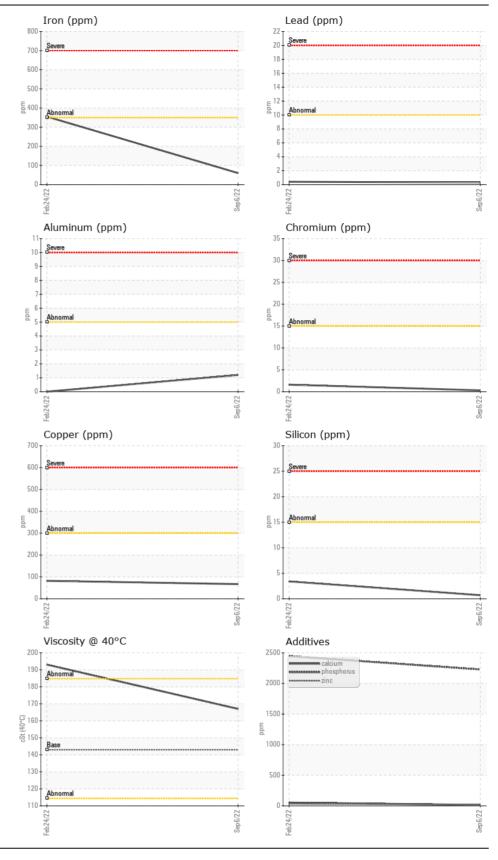
Confirm oil type. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0204759	LH0213417	
Sample Date		Client Info		06 Sep 2022	24 Feb 2022	
Machine Age	hrs	Client Info		1949	1033	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Not Changd	Changed	
Sample Status				NORMAL	NORMAL	
			050		055	
Iron	ppm	ASTM D5185m	>350	60	355	
Chromium	ppm	ASTM D5185m	>15	<1	2	
Nickel	ppm	ASTM D5185m	>5	<1	0	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		<1	0	
Aluminum	ppm	ASTM D5185m	>5	1	0	
Lead	ppm	ASTM D5185m	>10	<1	<1	
Copper	ppm	ASTM D5185m	>300	67	82	
Tin	ppm	ASTM D5185m	>15	4	3	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>15	<1	3	
Potassium	ppm	ASTM D5185m	>20	0	2	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Sodium	ppm	ASTM D5185m	>170	2	5	
Boron	ppm	ASTM D5185m	400	14	12	
Barium	ppm	ASTM D5185m	200	3	9	
Molybdenum	ppm	ASTM D5185m	12	<1	<1	
Manganese	ppm	ASTM D5185m		<1	3	
Magnesium	ppm	ASTM D5185m	12	<1	1	
Calcium	ppm	ASTM D5185m	150	16	54	
Phosphorus	ppm	ASTM D5185m	1650	2227	2445	
Zinc	ppm	ASTM D5185m	125	19	32	
Sulfur	ppm	ASTM D5185m	22500	25056	22928	
Visc @ 40°C	cSt	ASTM D445	143	167	193	
	-		-	\smile	-	

Report Id: SADFON [WUSCAR] 05640526 (Generated: 02/15/2024 10:03:03) Rev: 1

Submitted By: ?







: 15 Sep 2022 - Angela Borella Unique Number : 10130056 Diagnosed Test Package : MOBCE Contact: DAVE CASPER Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. casperd@sadoff.com * - 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)

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

Received

Tested

: 13 Sep 2022

: 14 Sep 2022

Report Id: SADFON [WUSCAR] 05640526 (Generated: 02/15/2024 10:03:06) Rev: 1

Laboratory

Sample No.

Lab Number : 05640526

: LH0204759

Submitted By: ?

SADOFF IRON AND METAL

240 ARNDT STREET

FOND DU LAC, WI

US 54936

Т:

F: