

LIEBHERR

CONSTRUCTION EQUIPMENT



[[577894]] LIEBHERR R934CEW 036784-027 - Splitter Box

Sample No: LH0250390

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0250390	LH0124811	LH0104771	LH0104739
Sample Date	08 Nov 2023	15 Feb 2018	06 Sep 2016	12 May 2016
Machine Hours	5342	7813	4957	4368
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

RICHMOND STEEL RECYCLING
 11760 MITCHELL ROAD
 RICHMOND, BC
 CA V6V 1V8
 Contact: Aaron Kaetler
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 T:
 F: (604)324-8617



OIL CONDITION

Visc @ 40°C	cSt	113	99.8	99.2	98.6
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CONTAMINATION

Silicon	ppm	24	13	10	10
Sodium	ppm	2	2	2	2
Potassium	ppm	24	44	<1	1



WEAR METALS

Iron	ppm	91	37	21	18
Copper	ppm	2	<1	<1	<1
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	8	4	4	4
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	12	10	9
Magnesium	ppm	1	1	0	<1
Zinc	ppm	56	77	61	51
Phosphorus	ppm	1461	1353	1399	1381
Barium	ppm	2	3	3	3
Boron	ppm	260	294	277	272

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RIC117RIC
 Unique No: 5672728
 Signed: Bill Quesnel
 Report Date: 10 Nov 2023



GRAPHS

