

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362876) [53896]] LIEBHERR R934 053896-1550 - Splitter E

Sample No: LH0284942

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0284942	LH0256615	LH0230657	---
Sample Date	08 Feb 2024	21 Apr 2023	05 Jul 2022	---
Machine Hours	1399	982	535	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

MOFFATT SCRAP IRON & METAL INC.
 9620 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
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OIL CONDITION

Visc @ 40°C	cSt	104	137	196	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	2	---
Sodium	ppm	2	4	4	---
Potassium	ppm	2	<1	2	---

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.



WEAR METALS

Iron	ppm	21	36	21	---
Copper	ppm	1	1	2	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	29	19	13	---
Magnesium	ppm	2	3	2	---
Zinc	ppm	31	25	16	---
Phosphorus	ppm	1017	1494	1493	---
Barium	ppm	0	0	<1	---
Boron	ppm	182	120	2	---

Depot: MOFMOF
 Unique No: 5723803
 Signed: Wes Davis
 Report Date: 09 Feb 2024



GRAPHS

