

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 138696-1253 - Swing Drive

Sample No: LH0279137

Oil Type: LIEBHERR GEAR BASIC 90 LS



METAUX 139 INC.
 86 RTE MARIE-VICTORIN
 PIERREVILLE, QC
 CA J0G 1J0
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

Sample Number	LH0279137	LH0256072	LH0250759	---
Sample Date	26 Jan 2024	14 Jun 2023	15 Feb 2023	---
Machine Hours	3129	1925	1202	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	176	181	175	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	1	4	---
Sodium	ppm	3	2	5	---
Potassium	ppm	2	<1	2	---



WEAR METALS

Iron	ppm	241	4	178	---
Copper	ppm	146	<1	72	---
Lead	ppm	4	0	2	---
Tin	ppm	8	0	5	---
Aluminum	ppm	1	<1	1	---
Chromium	ppm	2	0	1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	28	10	46	---
Magnesium	ppm	1	4	1	---
Zinc	ppm	42	14	50	---
Phosphorus	ppm	2166	2298	2354	---
Barium	ppm	5	0	6	---
Boron	ppm	8	1	8	---

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: MET126WIC
 Unique No: 5721303
 Signed: Bill Quesnel
 Report Date: 31 Jan 2024



GRAPHS

