

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 138696-1253 - Splitter Box

Sample No: LH0279138

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0279138	LH0274186	LH0256071	LH0250871
Sample Date	26 Jan 2024	26 Sep 2023	14 Jun 2023	12 Feb 2023
Machine Hours	3129	2491	1925	1202
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	181	172	182	182

T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	40	2	<1	<1
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	<1	1	<1

#### Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of dirt present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.



#### WEAR METALS

Iron	ppm	17	4	4	8
Copper	ppm	1	<1	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	1	4	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	39	76	10	10
Magnesium	ppm	33	70	4	<1
Zinc	ppm	48	98	15	12
Phosphorus	ppm	2151	2288	2295	2098
Barium	ppm	0	<1	0	0
Boron	ppm	<1	2	1	<1

**Depot:** MET126WIC  
**Unique No:** 5721300  
**Signed:** Bill Quesnel  
**Report Date:** 31 Jan 2024



### GRAPHS

