

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 138696-1253 - Transmission (Manual)

Sample No: LH0279136

Oil Type: PETRO CANADA 10W30



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



#### SAMPLE INFORMATION

Sample Number	LH0279136	LH0256073	LH0250756	---
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	50.7	52.4	48.7	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	4	---
Sodium	ppm	23	24	38	---
Potassium	ppm	3	2	3	---

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	17	14	19	---
Copper	ppm	29	21	28	---
Lead	ppm	1	<1	1	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	4	4	5	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	26	26	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	19	22	33	---
Vanadium	ppm	0	<1	<1	---



#### ADDITIVES

Calcium	ppm	2341	2479	3431	---
Magnesium	ppm	442	429	8	---
Zinc	ppm	1170	1196	1144	---
Phosphorus	ppm	1081	1182	1175	---
Barium	ppm	<1	<1	1	---
Boron	ppm	10	11	4	---

Depot: MET126WIC  
Unique No: 5721288  
Signed: Bill Quesnel  
Report Date: 31 Jan 2024



### GRAPHS

