

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 138820-1216 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	LH0260708	LH	---
Sample Date	10 Sep 2023	26 May 2023	26 Mar 2023	---
Machine Hours	950	950	524	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

D.P. Metal Inc.

373A Chemin Grande-Ligne

Saint-Urbain Premier, QC

CA J0S 1Y0

Contact: Service .



OIL CONDITION

Visc @ 40°C	cSt	179	186	188	---
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T: (450)427-0506

F:



CONTAMINATION

Silicon	ppm	2	2	8	---
Sodium	ppm	2	2	5	---
Potassium	ppm	1	2	5	---

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	36	38	89	---
Copper	ppm	2	<1	2	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	4	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	9	7	11	---
Magnesium	ppm	2	2	4	---
Zinc	ppm	40	46	100	---
Phosphorus	ppm	2306	2252	1691	---
Barium	ppm	0	0	0	---
Boron	ppm	3	1	2	---

Depot: DPMSAI

Unique No: 5642533

Signed: Wes Davis

Report Date: 11 Sep 2023



GRAPHS

