

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 138442 - Splitter Box

Sample No: LH0274628

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0274628	LH0256528	LH0251846	LH0239413
Sample Date	20 Aug 2023	21 Jun 2023	23 Mar 2023	12 Dec 2022
Machine Hours	4196	3555	2454	1769
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CMI - COMBINED METAL INDUSTRIES
 505 GARY RAY DRIVE
 NORTH YORK, ON
 CA M9L 1P9
 Contact: Greg Sacher
 gsacher@combinedmetal.com
 T: (416)642-7262
 F:



OIL CONDITION

Visc @ 40°C	cSt	93.4	91.6	98.0	114
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CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	<1	<1	<1	4
Potassium	ppm	0	<1	<1	1



WEAR METALS

Iron	ppm	12	11	26	41
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	18	15	44	25
Magnesium	ppm	3	1	6	3
Zinc	ppm	20	16	29	20
Phosphorus	ppm	1359	1346	1446	1461
Barium	ppm	0	0	0	0
Boron	ppm	339	303	262	202

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: COMWES
 Unique No: 5630315
 Signed: Wes Davis
 Report Date: 21 Aug 2023



GRAPHS

