

LIEBHERR

CONSTRUCTION EQUIPMENT



[CNRL] 2210 - Brake

Sample No: LH0265171

Oil Type: {unknown}



Sample Information

Sample Number	LH0265171	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	25320	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr-Canada Ltd.

Fort McKay Industrial Park, Lot No. 12 and 13
 Fort McMurray, AB
 CA T9H 5N3
 Contact: Corey Ekroth
 corey.ekroth@liebherr.com
 T: (780)791-2967
 F:



Oil Condition

Visc @ 40°C	cSt	38.3	---	---	---
-------------	-----	------	-----	-----	-----



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



Wear Metals

Iron	ppm	2	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	3312	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1013	---	---	---
Phosphorus	ppm	841	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 70W80 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: LIEFTM
 Unique No: 5803086
 Signed: Kevin Marson
 Report Date: 05 Jul 2024



Graphs

