

LIEBHERR

CONSTRUCTION EQUIPMENT



[CNRL] 2210 - Pump Drive

Sample No: LH0265158

Oil Type: {unknown}



Sample Information

Sample Number	LH0265158	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	25320	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr-Canada Ltd.

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 Fort McMurray, AB
 CA T9H 5N3
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 corey.ekroth@liebherr.com
 T: (780)791-2967
 F:



Oil Condition

Visc @ 40°C	cSt	275	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---



Wear Metals

Iron	ppm	4	---	---	---
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	82	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	55	---	---	---
Phosphorus	ppm	1155	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	196	---	---	---

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 oil. Viscosity of sample indicates oil is within SAE 80W140 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEFTM
 Unique No: 5803082
 Signed: Kevin Marson
 Report Date: 05 Jul 2024



Graphs

