

LIEBHERR

CONSTRUCTION EQUIPMENT



NO UNIT NO SIF - Pump Drive

Sample No: LH

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	26 Feb 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr-Canada Ltd.

Fort McKay Industrial Park, Lot No. 12 and 13
 Fort McMurray, AB
 CA T9H 5N3
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 T: (780)791-2967
 F:



OIL CONDITION

Visc @ 40°C	cSt	332	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 29	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 4	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3481	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	995	---	---	---
Phosphorus	ppm	900	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. 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. The condition of the oil is acceptable for the time in service.

Depot: LIEFTM
 Unique No: 5538865
 Signed: Kevin Marson
 Report Date: 28 Feb 2023



GRAPHS

