

LIEBHERR

CONSTRUCTION EQUIPMENT



11763 - Right Final Drive

Sample No: LH0291160

Oil Type: {unknown}



Sample Information

Sample Number	LH0291160	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	7044	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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 T: (905)319-9222
 F: (905)319-6617



Oil Condition

Visc @ 40°C	cSt	● 90.7	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 307	---	---	---
Sodium	ppm	● 22	---	---	---
Potassium	ppm	● 24	---	---	---



Wear Metals

PQ		● 104	---	---	---
Iron	ppm	● 988	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 84	---	---	---
Chromium	ppm	● 24	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	7	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	15	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	545	---	---	---
Magnesium	ppm	166	---	---	---
Zinc	ppm	38	---	---	---
Phosphorus	ppm	1168	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	252	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Chromium ppm levels are abnormal. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIEMIS
 Unique No: 5775072
 Signed: Kevin Marson
 Report Date: 08 May 2024



Graphs

