

LIEBHERR

CONSTRUCTION EQUIPMENT



20159 - Right Final Drive

Sample No: LH0284900

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0284900	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	8331	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Steve Lehto
 steve.lehto@liebherr.com
 T: (905)319-9222
 F: (905)319-6617



OIL CONDITION

Visc @ 40°C	cSt	● 99.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 819	---	---	---
Sodium	ppm	● 48	---	---	---
Potassium	ppm	● 117	---	---	---



WEAR METALS

PQ		● 323	---	---	---
Iron	ppm	● 1333	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	281	---	---	---
Chromium	ppm	● 6	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	15	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2895	---	---	---
Magnesium	ppm	104	---	---	---
Zinc	ppm	1116	---	---	---
Phosphorus	ppm	964	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	29	---	---	---

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. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5723853
 Signed: Kevin Marson
 Report Date: 13 Feb 2024



GRAPHS

