

LIEBHERR

CONSTRUCTION EQUIPMENT



[MENARD] LIEBHERR HS855 184638 - Front Left Travel

Sample No: LH0291249

Oil Type: {unknown}



Sample Information

Sample Number	LH0291249	---	---	---
Sample Date	02 May 2024	---	---	---
Machine Hours	15916	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Steve Lehto
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Oil Condition

Visc @ 40°C	cSt	193	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	24	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	2	---	---	---



Wear Metals

Iron	ppm	204	---	---	---
Copper	ppm	21	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	20	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	152	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	1	---	---	---

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 ISO 220 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5775086
 Signed: Kevin Marson
 Report Date: 07 May 2024



Graphs

