

LIEBHERR

CONSTRUCTION EQUIPMENT



[MENARD] LIEBHERR HS855 184638 - Right Travel

Sample No: LH0291247

Oil Type: {unknown}



Sample Information

Sample Number	LH0291247	---	---	---
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
 steve.lehto@liebherr.com
 T: (905)319-9222
 F: (905)319-6617



Oil Condition

Visc @ 40°C	cSt	207	---	---	---
-------------	-----	-----	-----	-----	-----



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



Wear Metals

Iron	ppm	91	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	11	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	7	---	---	---
Phosphorus	ppm	293	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	4	---	---	---

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: 5775083
Signed: Kevin Marson
Report Date: 07 May 2024



Graphs

