

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R924CHDSL 008931-645 - Right Final Drive

Sample No: LHMC131948

Oil Type: NAPA 80W90



CURTIS EXCAVATING
 N8701 HWY EE
 PORTAGE, WI
 US 53901
 Contact: RUSTY
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 T: (608)697-3494
 F:



Sample Information

Sample Number	LHMC131948	---	---	---
Sample Date	18 Jun 2024	---	---	---
Machine Hours	7718	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 141	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 15	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 2	---	---	---



Wear Metals

Iron	ppm	● 24	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	23	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	638	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	10	---	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Moderate concentration of visible metal present. 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: CURPORLH
 Unique No: 11098633
 Signed: Jonathan Hester
 Report Date: 27 Jun 2024



Graphs

