

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 068902-1203 - Front Differential

Sample No: LH0115749

Oil Type: KLONDIKE KLONDIKE FULL SYNTHETIC 75W140



#### SAMPLE INFORMATION

Sample Number	LH0115749	LH0079641	LH0079633	---
Sample Date	29 Jan 2024	03 Jan 2015	07 Mar 2014	---
Machine Hours	24000	2000	480	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

West Fraser Mills

P.O. BOX 97

100 Mile House, BC

CA V0K 2Z0

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#### OIL CONDITION

Visc @ 40°C	cSt	234	94.1	183	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	4	---
Sodium	ppm	0	<1	2	---
Potassium	ppm	<1	0	<1	---



#### WEAR METALS

Iron	ppm	10	6	20	---
Copper	ppm	8	83	39	---
Lead	ppm	<1	2	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	2	8	27	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	6	41	23	---
Phosphorus	ppm	1217	1306	1144	---
Barium	ppm	0	5	371	---
Boron	ppm	214	339	2	---

#### Diagnosis

Resample at the next service interval to monitor. 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: WES100

Unique No: 5733870

Signed: Wes Davis

Report Date: 20 Feb 2024



### GRAPHS

