

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 068902-1203 - Front Left Wheel Hub

Sample No: LH0115745

Oil Type: KLONDIKE KLONDIKE FULL SYNTHETIC 75W140



SAMPLE INFORMATION

Sample Number	LH0115745	---	---	---
Sample Date	29 Jan 2024	---	---	---
Machine Hours	24000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

West Fraser Mills

P.O. BOX 97
100 Mile House, BC
CA V0K 2Z0
Contact: Chris Rosendale
hdshop100mile@gmail.com
T: (250)395-8252
F:



OIL CONDITION

Visc @ 40°C	cSt	130	---	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	52	---	---	---
Copper	ppm	16	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	360	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	172	---	---	---
Phosphorus	ppm	686	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	47	---	---	---

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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: WES100
Unique No: 5733869
Signed: Kevin Marson
Report Date: 21 Feb 2024



GRAPHS

