

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 142304-1216 - Swing Drive

Sample No: LH

Oil Type: SAE 75W90



PRODUITS FORESTIERS D.G. LTEE
 313 RANG ST-JOSEPH
 STE-AURELIE, QC
 CA G0M 1M0
 Contact: Roger .

T: (418)593-3547
 F: (418)593-3633

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.



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	3000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	183	---	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	3	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	47	---	---	---
Copper	ppm	31	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	2303	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	15	---	---	---

Depot: PRO9STE
Unique No: 5618100
Signed: Kevin Marson
Report Date: 28 Jul 2023



GRAPHS

