

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 120737-1216 - Power Take Off

Sample No: LH0167300

Oil Type: TEXACO HAVOLINE GEAR OIL 80W90



#### SAMPLE INFORMATION

Sample Number	LH0167300	---	---	---
Sample Date	21 Jan 2022	---	---	---
Machine Hours	4199	---	---	---
Oil Hours	1103	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### STAIMAN RECYCLING

201 HEPBURN ST  
WILLIAMSPORT, PA  
US 17701  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 138	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 0	---	---	---

#### 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.



#### WEAR METALS

Iron	ppm	● 12	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 6	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 64	---	---	---
Magnesium	ppm	● 33	---	---	---
Zinc	ppm	● 76	---	---	---
Phosphorus	ppm	● 589	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 48	---	---	---

Depot: STAWILLH  
Unique No: 9829351  
Signed: Jonathan Hester  
Report Date: 01 Feb 2022



### GRAPHS

