

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 1216-109503 - Swing Drive

Sample No: LHMC162817

Oil Type: GEAR OIL SAE 75W90



AHLSTROM-MUNKSJO NA SPECIALTY
 PO BOX 600
 KAUKAUNA, WI
 US 54130
 Contact: JOE SEITZ
 joe.seitz@ahlstrom-munksjo.com
 T:
 F:



SAMPLE INFORMATION

Sample Number	LHMC162817	LHMC163543	---	---
Sample Date	15 Sep 2023	23 Mar 2023	---	---
Machine Hours	6608	5400	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 158	● 54.6	---	---
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CONTAMINATION

Silicon	ppm	● 22	● <1	---	---
Sodium	ppm	● 8	● 2	---	---
Potassium	ppm	● 4	● <1	---	---



WEAR METALS

Iron	ppm	● 835	● 280	---	---
Copper	ppm	● 216	● 68	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● 13	● 3	---	---
Aluminum	ppm	● 2	● 0	---	---
Chromium	ppm	● 5	● 1	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	● 0	● 0	---	---
Silver	ppm	● 0	● 0	---	---
Manganese	ppm	● 7	● 3	---	---
Vanadium	ppm	● 0	● 0	---	---



ADDITIVES

Calcium	ppm	● 40	● 36	---	---
Magnesium	ppm	● 5	● 4	---	---
Zinc	ppm	● 53	● 1	---	---
Phosphorus	ppm	● 2215	● 922	---	---
Barium	ppm	● 2	● 0	---	---
Boron	ppm	● 40	● 120	---	---

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: AHLKAU
 Unique No: 10660478
 Signed: Don Baldrige
 Report Date: 26 Sep 2023



GRAPHS

