

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH18M 133780-1840 - Swing Drive

Sample No: LH0261203

Oil Type: GEAR OIL SAE 75W90



SERVICES SANITAIRES ST-ANTOINE INC
 16600 RTE SIR WILFRID-LAURIER
 MIRABEL, QC
 CA J7J 2G3
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0261203	LH0250906	---	---
Sample Date	01 Sep 2023	30 Jan 2023	---	---
Machine Hours	2973	1835	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	171	103	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	1	1	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	121	56	---	---
Copper	ppm	16	39	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	19	16	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	12	8	---	---
Phosphorus	ppm	2264	1353	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	28	298	---	---

Depot: SERMIR
 Unique No: 5633528
 Signed: Kevin Marson
 Report Date: 06 Sep 2023



GRAPHS

