

LIEBHERR

CONSTRUCTION EQUIPMENT



056328-1783 - Swing Drive

Sample No: LH0252388

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0252388	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	1314	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

American Iron and Metal

10305 Metropolitaine Est, Garage porte 13
Montreal, QC

CA H1B 1A1

Contact: Sebastien Liautaud

sliautaud@aimrecyclinggroup.com

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OIL CONDITION

Visc @ 40°C	cSt	● 187	---	---	---
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CONTAMINATION

Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 431	---	---	---
Copper	ppm	● 60	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 3	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 16	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 23	---	---	---
Phosphorus	ppm	● 1785	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 7	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: LACMON

Unique No: 5644735

Signed: Wes Davis

Report Date: 19 Sep 2023



GRAPHS

