

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 122037 - Swing Drive

Sample No: LH0258297

Oil Type: {unknown}



AMERICAN STATE EQUIPMENT CO.
 2400 NORTH 14TH AVENUE
 WAUSAU, WI
 US 54401
 Contact: CHRIS BARTNIK
 cbartnik@amstate.com
 T: (715)675-6900
 F: (715)675-9748



SAMPLE INFORMATION

Sample Number	LH0258297	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	4199	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 257	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 1421	---	---	---
Copper	ppm	● 192	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 4	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 12	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	27	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	48	---	---	---
Phosphorus	ppm	2521	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is suitable for further service.

Depot: LEC0008
Unique No: 10615835
Signed: Sean Felton
Report Date: 23 Aug 2023

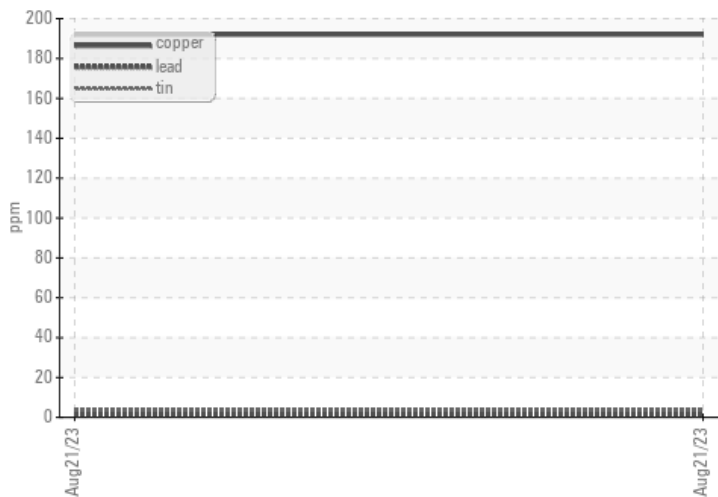


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

