

LIEBHERR

CONSTRUCTION EQUIPMENT



145797-1218 LIEBHERR LH80M 145797-1218 - Hydraulic Syst

Sample No: LH0257720

Oil Type: AW HYDRAULIC OIL ISO 68



TEXAS PORT RECYCLING - HOUSTON PORT
8945 MANCHESTER ST
HOUSTON, TX
US 77012
Contact: Dale Shaw
dale.shaw@tmrecycling.com
T:
F: (713)921-5545



Sample Information

Sample Number	LH0257720	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	1579	---	---	---
Oil Hours	1579	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	50.7	---	---	---
Acid Number (AN)	mg KOH/g	0.83	---	---	---



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---



Wear Metals

Iron	ppm	25	---	---	---
Copper	ppm	24	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	713	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	586	---	---	---
Phosphorus	ppm	457	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

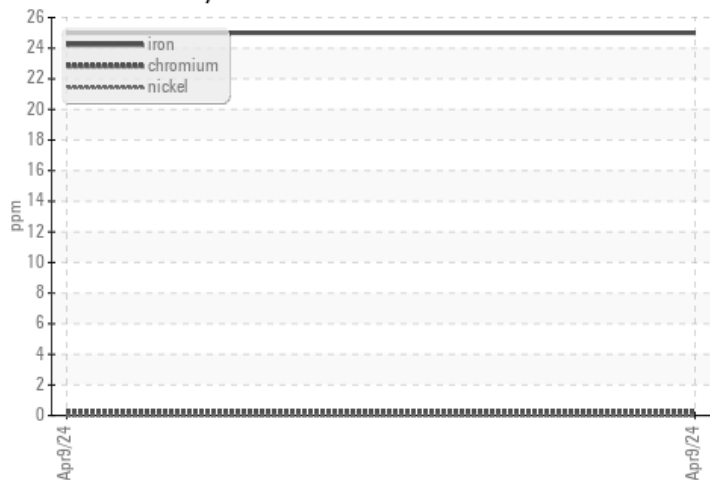
We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. Confirm oil type. The AN level is acceptable for this fluid.

Depot: TEXHOUWC
Unique No: 11087462
Signed: Don Baldrige
Report Date: 21 Jun 2024

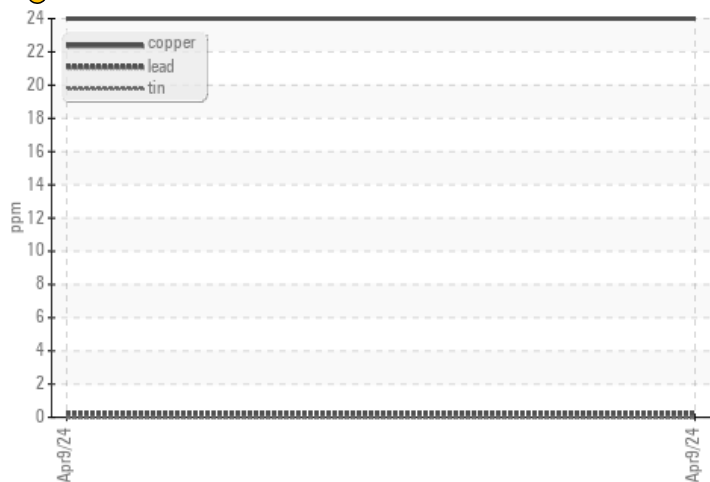


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

