

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 072521-1826 - Splitter Box

Sample No: LH0259154

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0259154	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	681	---	---	---
Oil Hours	681	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

DERICHEBOURG RECYCLING
 1 WHARF ST
 HOUSTON, TX
 US 77012
 Contact: JEFF MCLEROY
 jeff.mcleroy@derichebourg.com
 T: (281)642-6680
 F:



Oil Condition

Visc @ 40°C	cSt	● 189	---	---	---
-------------	-----	-------	-----	-----	-----



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	● 103	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 8	---	---	---
Vanadium	ppm	0	---	---	---



Additives

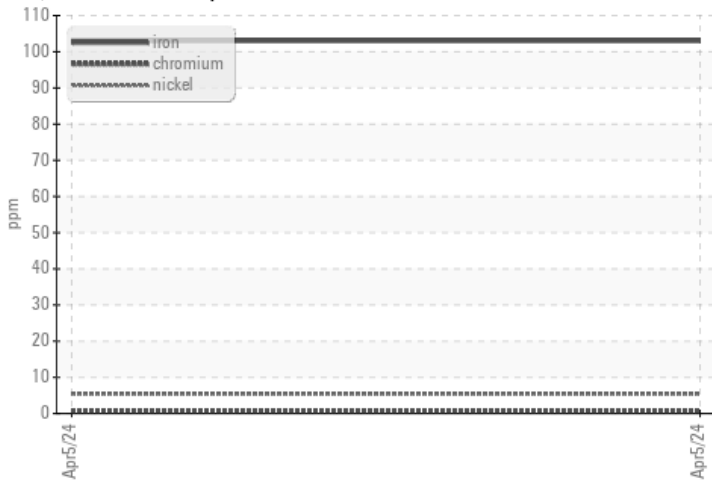
Calcium	ppm	● 8	---	---	---
Magnesium	ppm	● 14	---	---	---
Zinc	ppm	● 110	---	---	---
Phosphorus	ppm	● 2188	---	---	---
Barium	ppm	● 14	---	---	---
Boron	ppm	● 4	---	---	---

Depot: DERHOU
 Unique No: 11088021
 Signed: Sean Felton
 Report Date: 21 Jun 2024

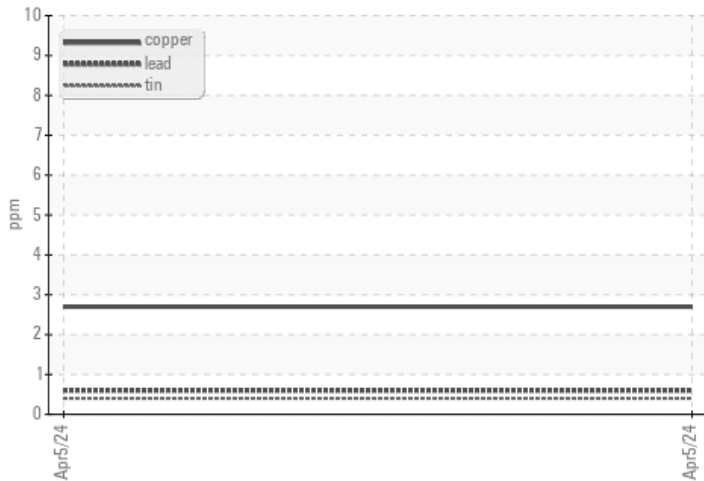


Graphs

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

