

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SACENTERPRISES]] LIEBHERR PR726LGP 019191-1331 - Right Fir

Sample No: LH0257443

Oil Type: LIEBHERR HYPOID 85W-140 EP



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: TRAVIS EGAN
 travis.egan@liebherr.com
 T:
 F: (919)329-0084



SAMPLE INFORMATION

Sample Number	LH0257443	LH0220441	---	---
Sample Date	11 Jul 2023	14 Apr 2022	---	---
Machine Hours	2092	1024	---	---
Oil Hours	500	500	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 361	● 323	---	---
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CONTAMINATION

Silicon	ppm	● <1	● 1	---	---
Sodium	ppm	● 0	● 4	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

Iron	ppm	● 21	● 47	---	---
Copper	ppm	● 12	● 23	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● <1	● <1	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 8	● 21	---	---
Magnesium	ppm	● 1	● 2	---	---
Zinc	ppm	● 15	● 27	---	---
Phosphorus	ppm	● 1214	● 1117	---	---
Barium	ppm	● 2	52	---	---
Boron	ppm	● 2	● 3	---	---

Diagnosis

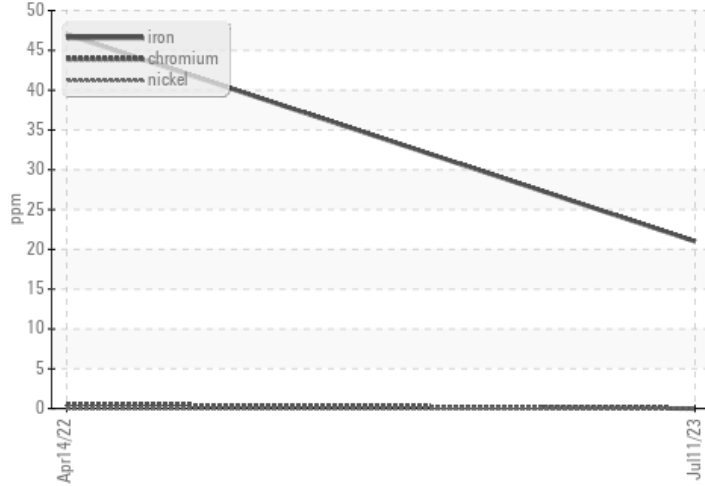
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRNC
 Unique No: 10559104
 Signed: Don Baldrige
 Report Date: 17 Jul 2023

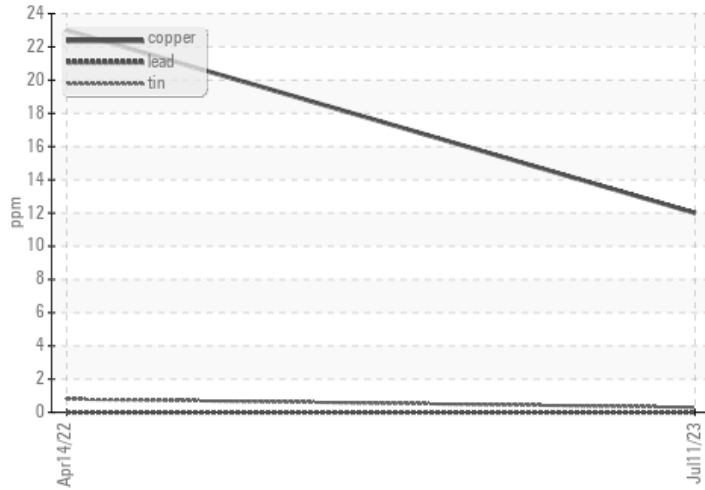


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

