

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[DEAN PATTERSON]] LIEBHERR PR726LGP 019493-1331 - Left Fir

Sample No: LH0244603

Oil Type: LIEBHERR HYPOID 85W-140 EP



**LIEBHERR EQUIPMENT SOURCE**  
 8200 FAYETTEVILLE ROAD  
 RALEIGH, NC  
 US 27603  
 Contact: Timothy Bailey  
 timothy.bailey@liebherr.com  
 T:  
 F: (919)329-0084



#### SAMPLE INFORMATION

Sample Number	LH0244603	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	1618	---	---	---
Oil Hours	580	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 348	---	---	---
-------------	-----	-------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 81	---	---	---
Copper	ppm	● 27	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 24	---	---	---
Phosphorus	ppm	● 1000	---	---	---
Barium	ppm	28	---	---	---
Boron	ppm	● 0	---	---	---

#### Diagnosis

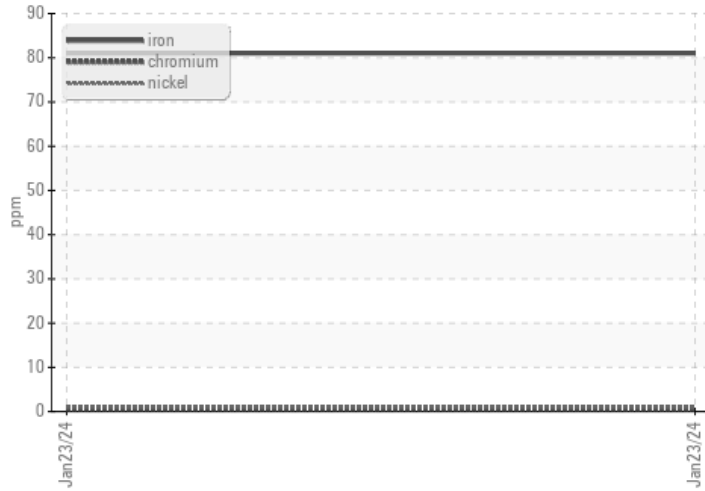
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRNC  
 Unique No: 10848680  
 Signed: Wes Davis  
 Report Date: 27 Jan 2024



### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

