

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[IMPALA TERM]] LIEBHERR PR776 D6 (S/N 22431) - Gearbox

Sample No: LH0264691

Oil Type: LIEBHERR



**STATE MACHINERY**  
 160 WEST AIRLINE DR  
 KENNER, LA  
 US 70062  
 Contact: MICHELLE SIMMONS  
 MSIMMONS@STATEMACHINERY.COM  
 T: x:  
 F: x:



#### SAMPLE INFORMATION

Sample Number	LH0264691	LH0253988	---	---
Sample Date	19 Sep 2023	22 Apr 2023	---	---
Machine Hours	2362	1314	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	170	341	---	---
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#### CONTAMINATION

Silicon	ppm	8	10	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	14	5	---	---



#### WEAR METALS

Iron	ppm	35	10	---	---
Copper	ppm	16	8	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	46	39	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	63	22	---	---
Phosphorus	ppm	1115	1181	---	---
Barium	ppm	9	0	---	---
Boron	ppm	140	0	---	---

#### Diagnosis

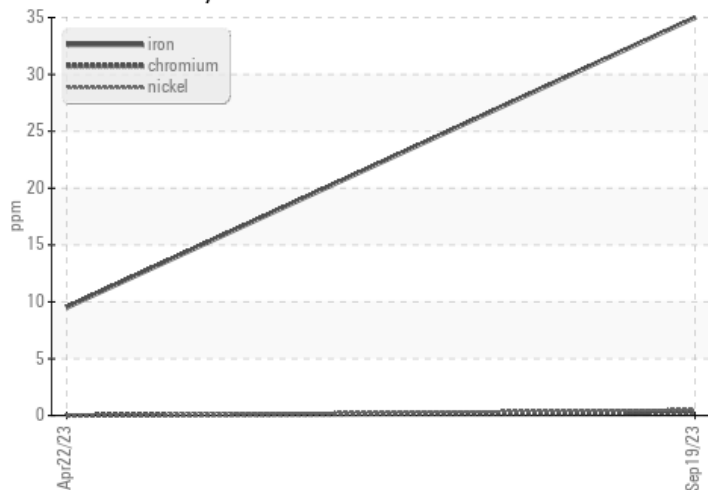
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: STAKEN  
 Unique No: 10710241  
 Signed: Sean Felton  
 Report Date: 25 Oct 2023

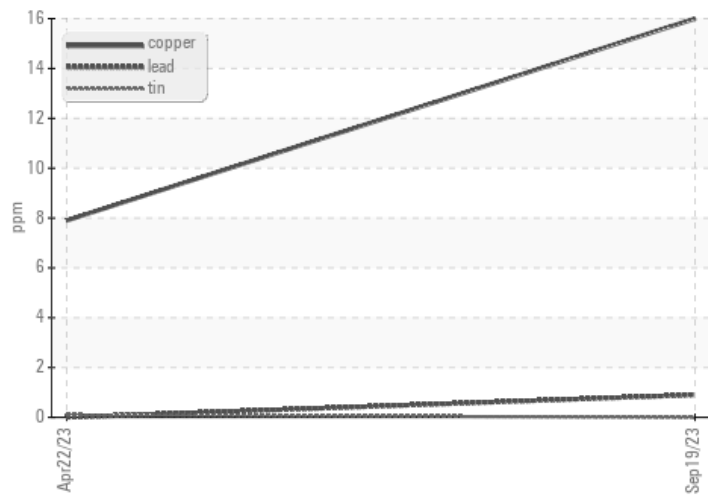


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

