

LIEBHERR

CONSTRUCTION EQUIPMENT



[[IMPALA TERM]] LIEBHERR PR776 D5 (S/N 22561) - Left Final

Sample No: LH0264698

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	LH0264698	LH0254068	---	---
Sample Date	19 Sep 2023	22 Apr 2023	---	---
Machine Hours	1896	1162	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 130	● 224	---	---
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CONTAMINATION

Water	%	● 0.135	---	---	---
Silicon	ppm	● 5	● 2	---	---
Sodium	ppm	● 0	● 1	---	---
Potassium	ppm	● 2	● <1	---	---



WEAR METALS

Iron	ppm	● 278	● 134	---	---
Copper	ppm	● 1	● 0	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 2	● 0	---	---
Chromium	ppm	● 3	● 1	---	---
Molybdenum	ppm	<1	● <1	---	---
Nickel	ppm	● <1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	● 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	41	● 11	---	---
Magnesium	ppm	2	● 0	---	---
Zinc	ppm	25	● 13	---	---
Phosphorus	ppm	1039	409	---	---
Barium	ppm	10	● 0	---	---
Boron	ppm	308	● 42	---	---

Diagnosis

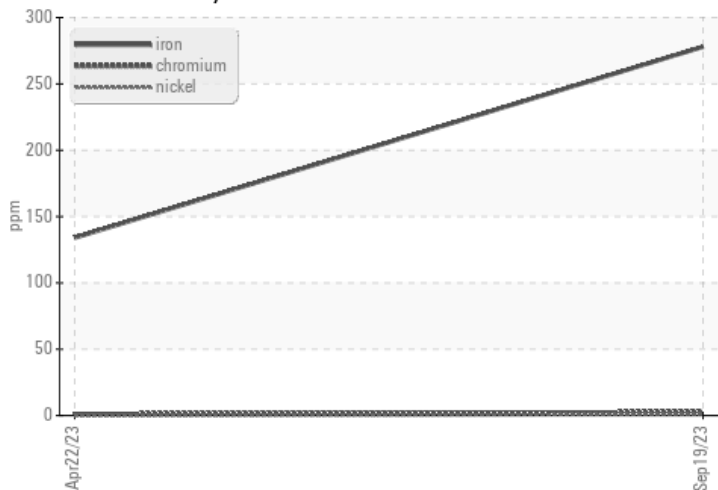
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: STAKEN
 Unique No: 10710239
 Signed: Sean Felton
 Report Date: 25 Oct 2023

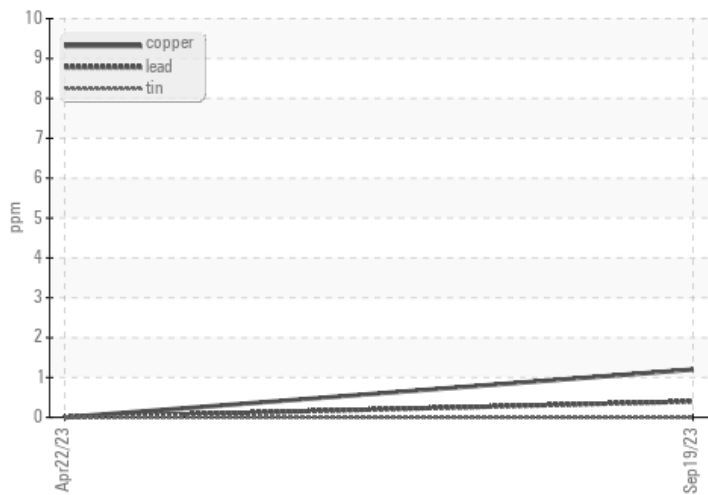


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

