

LIEBHERR

CONSTRUCTION EQUIPMENT



[[IMPALA TERM]] LIEBHERR PR776 D7 (S/N 24775) - Diesel En

Sample No: LH0264694

Oil Type: LIEBHERR



SAMPLE INFORMATION

Sample Number	LH0264694	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	1647	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STATE MACHINERY

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



OIL CONDITION

Visc @ 100°C	cSt	12.8	---	---	---
Base Number (BN)	mg KOH/g	15.2	---	---	---
Oxidation (PA)	%	61	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	0.1	---	---	---
Nitration (PA)	%	98	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	10	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	8	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

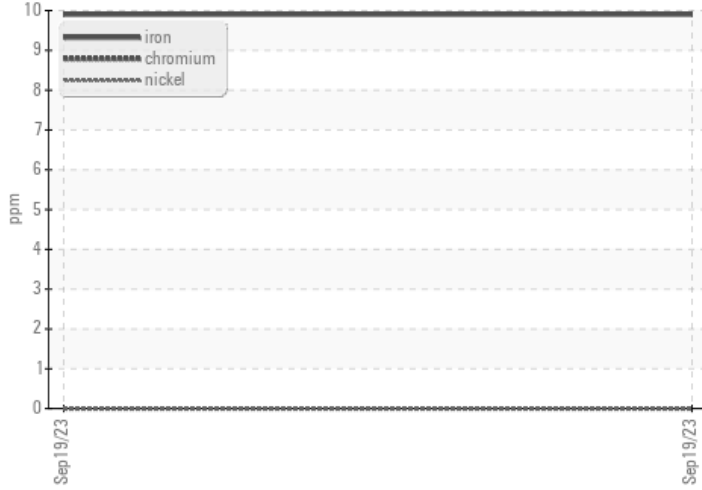
Calcium	ppm	3833	---	---	---
Magnesium	ppm	145	---	---	---
Zinc	ppm	1078	---	---	---
Phosphorus	ppm	891	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	192	---	---	---

Depot: STAKEN
 Unique No: 10709948
 Signed: Wes Davis
 Report Date: 24 Oct 2023

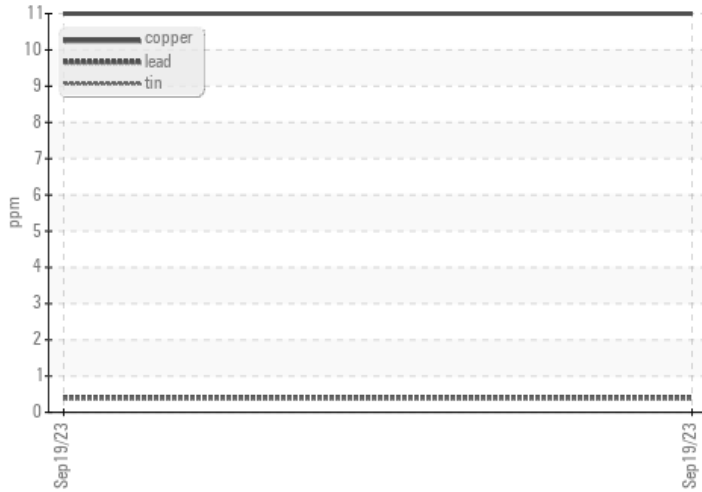


GRAPHS

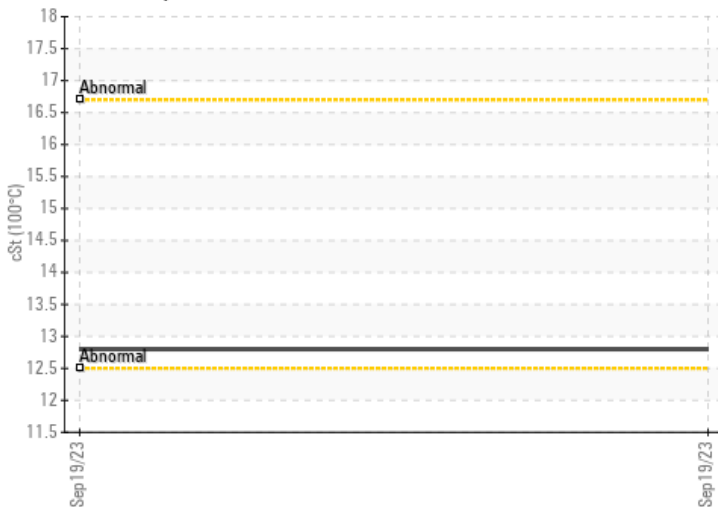
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

