

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926K-LC 047688-1565 - Diesel Engine

Sample No: LH0263970

Oil Type: LIEBHERR



SAMPLE INFORMATION

Sample Number	LH0263970	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	453	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

AMERICAN STATE EQUIPMENT CO.
 2400 NORTH 14TH AVENUE
 WAUSAU, WI
 US 54401
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 T: (715)675-6900
 F: (715)675-9748



OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	5.5	---	---	---
Oxidation (PA)	%	157	---	---	---

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. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil.



CONTAMINATION

Soot %	%	0.1	---	---	---
Nitration (PA)	%	74	---	---	---
Sulfation (PA)	%	91	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.2	---	---	---
Silicon	ppm	53	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	46	---	---	---
Copper	ppm	25	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	43	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

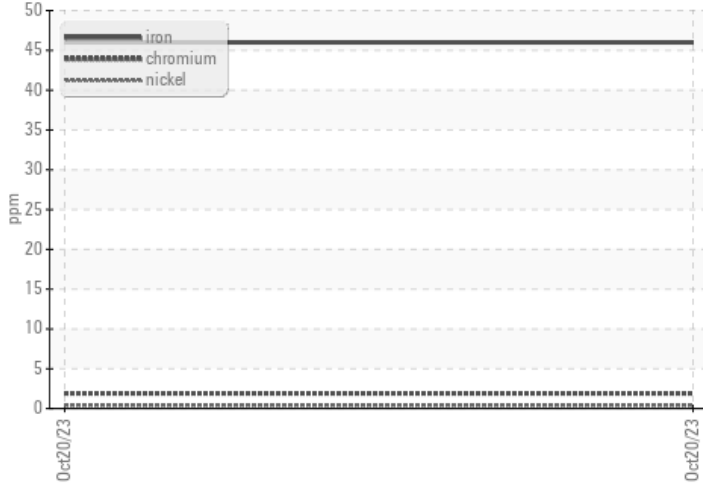
Calcium	ppm	1429	---	---	---
Magnesium	ppm	782	---	---	---
Zinc	ppm	942	---	---	---
Phosphorus	ppm	795	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	117	---	---	---

Depot: LEC0008
Unique No: 10716087
Signed: Angela Borella
Report Date: 02 Nov 2023

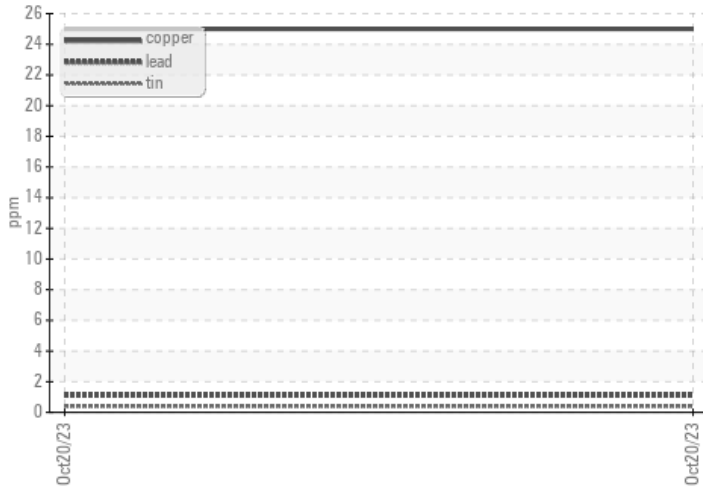


GRAPHS

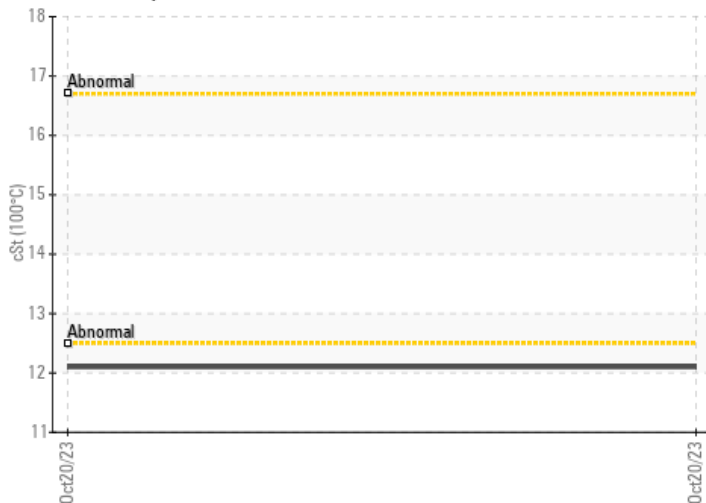
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

