

LIEBHERR

CONSTRUCTION EQUIPMENT



LINKBELT N8X1001 - Left Swing Drive

Sample No: LH0267652

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0267652	---	---	---
Sample Date	03 Oct 2023	---	---	---
Machine Hours	19078	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OZINGA MATERIALS
 11701 S TORRENCE AVE
 CHICAGO, IL
 US 60617
 Contact: RYAN DEWINDT
 ryandewindt@ozinga.com
 T: (708)243-6910
 F: (773)375-7226



OIL CONDITION

Visc @ 40°C	cSt	● 115	---	---	---
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CONTAMINATION

Silicon	ppm	● 22	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● <1	---	---	---

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.



WEAR METALS

Iron	ppm	● 359	---	---	---
Copper	ppm	● 91	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 5	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

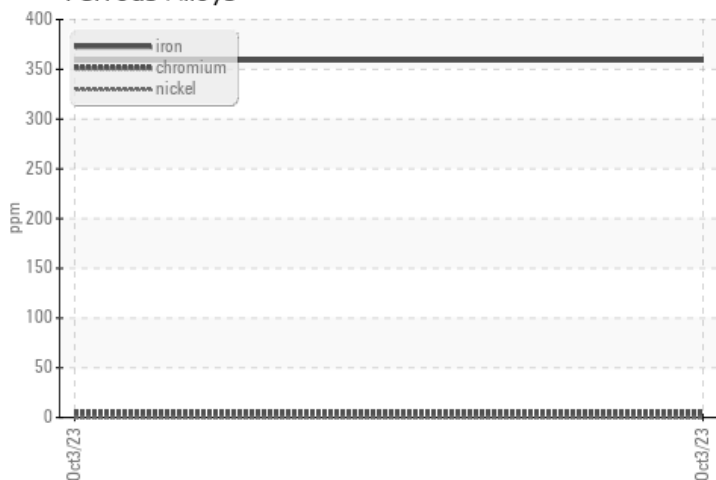
Calcium	ppm	● 35	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 126	---	---	---
Phosphorus	ppm	● 560	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 100	---	---	---

Depot: CHICHILH
Unique No: 10701179
Signed: Don Baldrige
Report Date: 21 Oct 2023

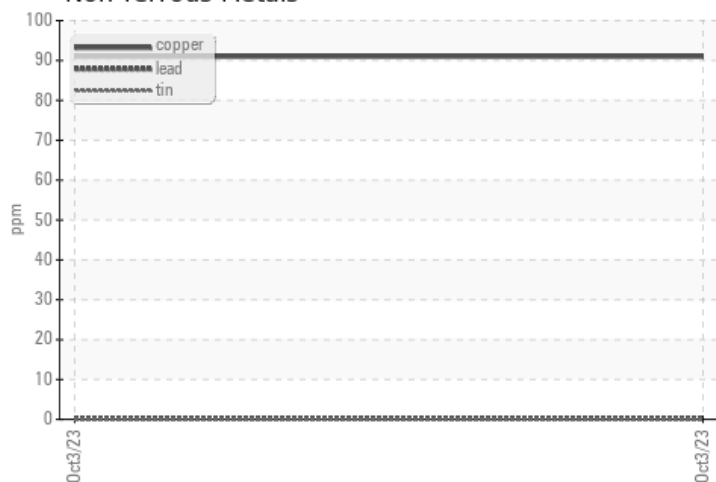


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

