

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR SW884ND 3W79-40261- VALLEY CONSTRUCTION - Front Drum Gearbox

Sample No: LH06127257

Oil Type: OE GEAR OIL



SAMPLE INFORMATION

Sample Number	LH06127257	---	---	---
Sample Date	04 Dec 2023	---	---	---
Machine Hours	595	---	---	---
Oil Hours	595	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 ELKO, NV
 US 89801
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OIL CONDITION

Visc @ 40°C	cSt	● 175	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 3	---	---	---

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	● 174	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

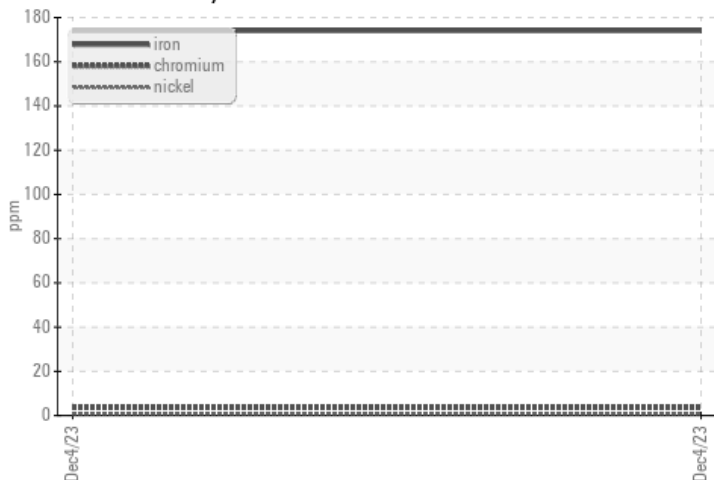
Calcium	ppm	14	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	7	---	---	---
Phosphorus	ppm	317	---	---	---
Barium	ppm	10	---	---	---
Boron	ppm	<1	---	---	---

Depot: LIEBHERRNV
Unique No: 10941408
Signed: Sean Felton
Report Date: 27 Mar 2024

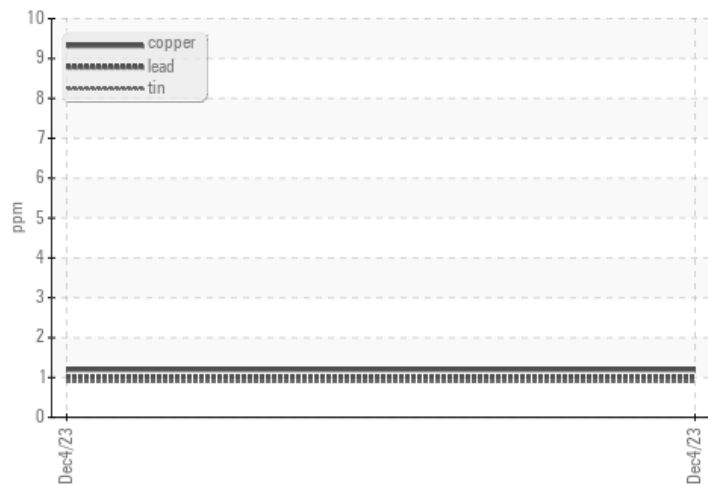


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

