

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR SW884ND 3SW79-40260 - VALLEY CONSTRUCTION - Rear Drum Gearbox

Sample No: LHMC116521

Oil Type: OE GEAR OIL



SAMPLE INFORMATION

Sample Number	LHMC116521	---	---	---
Sample Date	24 Mar 2024	---	---	---
Machine Hours	592	---	---	---
Oil Hours	592	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR MINING EQUIPMENT CO
 336 OSINO UNIT 12
 ELKO, NV
 US 89801
 Contact: TED PILZ
 ted.pilz@liebherr.com
 T: (775)388-0532
 F: (775)738-7432



OIL CONDITION

Visc @ 40°C	cSt	● 170	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	15	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 2	---	---	---

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	● 186	---	---	---
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	17	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	317	---	---	---
Barium	ppm	12	---	---	---
Boron	ppm	0	---	---	---

Depot: LIEBHERRNV
Unique No: 10941411
Signed: Sean Felton
Report Date: 27 Mar 2024



GRAPHS

