

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 154373-1527 - Swing Drive

Sample No: LH0279820

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH0279820	---	---	---
Sample Date	25 Jun 2024	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

DOMINION NICKEL ALLOYS LTD.

834 APPLEBY LINE

BURLINGTON, ON

CA L7L 2Y7

Contact: Trevor Taylor

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Oil Condition

Visc @ 40°C	cSt	● 142	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 1	---	---	---



Wear Metals

Iron	ppm	● 179	---	---	---
Copper	ppm	● 77	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 4	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 12	---	---	---
Phosphorus	ppm	● 723	---	---	---
Barium	ppm	● 3	---	---	---
Boron	ppm	● 5	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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.

Depot: DOMBUR

Unique No: 5801736

Signed: Wes Davis

Report Date: 26 Jun 2024



Graphs

