

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 154373-1527 - Diesel Engine

Sample No: LH0279814

Oil Type: {unknown}



Sample Information

Sample Number	LH0279814	---	---	---
Sample Date	21 Apr 2024	---	---	---
Machine Hours	500	---	---	---
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 @ 100°C	cSt	11.9	---	---	---
Oxidation (PA)	%	208	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	99	---	---	---
Sulfation (PA)	%	111	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.5	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. Fuel content negligible. 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	9	---	---	---
Copper	ppm	115	---	---	---
Lead	ppm	4	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1326	---	---	---
Magnesium	ppm	902	---	---	---
Zinc	ppm	788	---	---	---
Phosphorus	ppm	654	---	---	---
Barium	ppm	46	---	---	---
Boron	ppm	97	---	---	---

Depot: DOMBUR
Unique No: 5763623
Signed: Wes Davis
Report Date: 23 Apr 2024



Graphs

