

LIEBHERR

CONSTRUCTION EQUIPMENT



VOLVO G780B 38178 - Left Final Drive

Sample No: LH0272055

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH0272055	VC244973	---	---
Sample Date	25 Jun 2024	12 Oct 2006	---	---
Machine Hours	1098	1472	---	---
Oil Hours	150	1472	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

R.M. OF SIGLUNES
BOX 370
ASHERN, MB
CA R0C 0E0
Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	401	50.3	---	---
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T:
F:



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	8	17	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	31	0	---	---

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is higher than normal. Confirm oil type.



Wear Metals

Iron	ppm	16	995	---	---
Copper	ppm	7	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	3	1	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	31	1	---	---
Nickel	ppm	<1	3	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	7	---	---
Vanadium	ppm	<1	<1	---	---



Additives

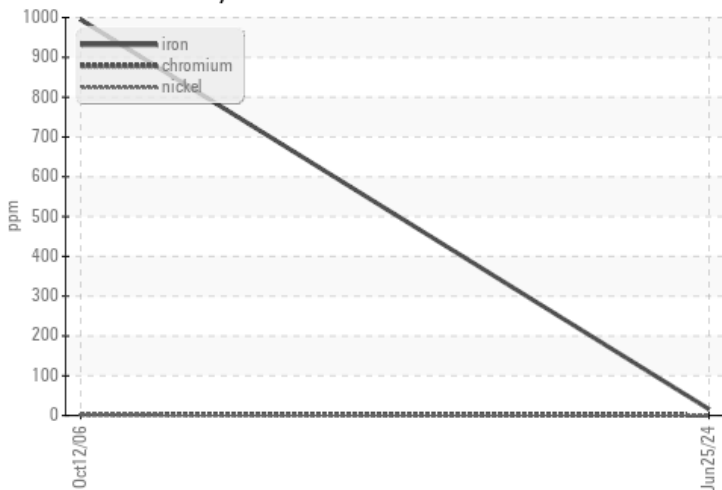
Calcium	ppm	325	2577	---	---
Magnesium	ppm	43	7	---	---
Zinc	ppm	77	1054	---	---
Phosphorus	ppm	738	992	---	---
Barium	ppm	<1	2	---	---
Boron	ppm	35	5	---	---

Depot: RMOASH
Unique No: 11103619
Signed: Jonathan Hester
Report Date: 03 Jul 2024

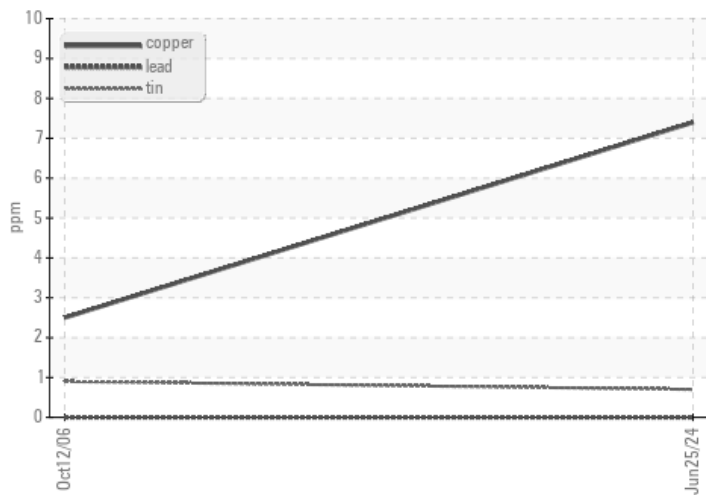


Graphs

Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

