



CONSTRUCTION EQUIPMENT

RS0036456 VOLVO L180H 5355 - REAR AXLE



Sample No: VCP430852
Oil Type: VOLVO WB 102
Job No: RS0036456



SAMPLE INFORMATION

Sample Number	VCP430852	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	4057	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE
 PENSACOLA, FL
 US 32534

Contact: HUGH DOBBS
 HDOBBS@COWIN.COM
 T: (850)479-3004
 F: (850)474-1602



OIL CONDITION

Visc @ 40°C	cSt	■ 39.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 118	---	---	---
Copper	ppm	■ 55	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 3592	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 1548	---	---	---
Phosphorus	ppm	■ 1377	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 119	---	---	---

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.

Depot: VOLVO8247
Unique No: 10804158
Signed: Jonathan Hester
Report Date: 27 Dec 2023

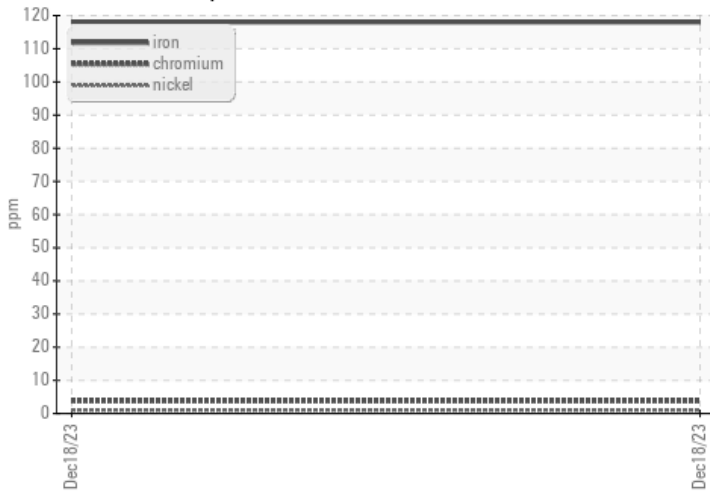


CONSTRUCTION EQUIPMENT

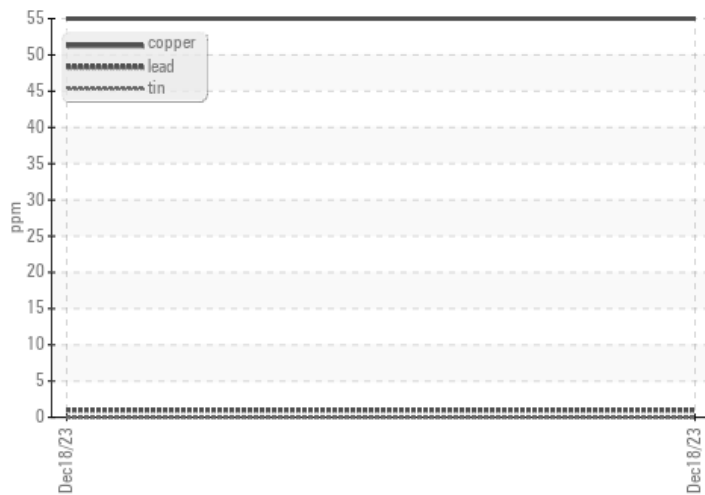


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

