



CONSTRUCTION EQUIPMENT

S1028 G&L BROCK VOLVO L180H 633207 - REAR AXLE



Sample No: VCP421935
Oil Type: VOLVO WB 102
Job No: S1028 G&L BROCK



SAMPLE INFORMATION

Sample Number	VCP421935	---	---	---
Sample Date	21 Sep 2023	---	---	---
Machine Hours	778	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
8594 FRUITRIDGE ROAD
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US 95826
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OIL CONDITION

Visc @ 40°C	cSt	█ 40.8	---	---	---
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CONTAMINATION

Silicon	ppm	█ 36	---	---	---
Sodium	ppm	█ 11	---	---	---
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	█ 271	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	20	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 17	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 4239	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1826	---	---	---
Phosphorus	ppm	█ 1441	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 145	---	---	---

Depot: VOLVO4485
Unique No: 10669673
Signed: Wes Davis
Report Date: 28 Sep 2023



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GRAPHS

