



CONSTRUCTION EQUIPMENT

581789 VOLVO L120H 632767 - REAR AXLE



Sample No: VCP418272
Oil Type: VOLVO WB 102
Job No: 581789



SAMPLE INFORMATION

Sample Number	VCP418272	---	---	---
Sample Date	03 Aug 2023	---	---	---
Machine Hours	4536	---	---	---
Oil Hours	3000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.9	---	---	---
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CONTAMINATION

Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

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	█ 95	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 4323	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1749	---	---	---
Phosphorus	ppm	█ 1388	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 156	---	---	---

Depot: VOLVO0093
Unique No: 10616435
Signed: Wes Davis
Report Date: 23 Aug 2023



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GRAPHS

