



CONSTRUCTION EQUIPMENT

VOLVO L70H 624745 - REAR AXLE



Sample No: VCP415792
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415792	VCP415791	---	---
Sample Date	23 Jul 2023	21 Jul 2023	---	---
Machine Hours	1068	1068	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

McClung-Logan Virginia LLC
 2025 COOK DRIVE
 SALEM, VA
 US 24153
 Contact: CHRIS BLANKENSHIP
 cblankenship@mcclung-logan.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	40.4	40.7	---	---
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CONTAMINATION

Silicon	ppm	24	19	---	---
Sodium	ppm	11	10	---	---
Potassium	ppm	1	0	---	---

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	75	42	---	---
Copper	ppm	10	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	5	10	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4308	4093	---	---
Magnesium	ppm	14	14	---	---
Zinc	ppm	1743	1725	---	---
Phosphorus	ppm	1391	1372	---	---
Barium	ppm	0	0	---	---
Boron	ppm	150	147	---	---

Depot: VOLVO9010
Unique No: 10574611
Signed: Wes Davis
Report Date: 27 Jul 2023



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GRAPHS

