



CONSTRUCTION EQUIPMENT

24774 VOLVO L220 3456 - REAR AXLE



Sample No: VCP418471
Oil Type: VOLVO WB 102
Job No: 24774



SAMPLE INFORMATION

Sample Number	VCP418471	VCP420833	---	---
Sample Date	12 Jan 2024	15 Jun 2023	---	---
Machine Hours	2189	1018	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	42.1	40.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	11	---	---
Sodium	ppm	0	11	---	---
Potassium	ppm	2	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	31	28	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	3	4	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3766	4147	---	---
Magnesium	ppm	18	11	---	---
Zinc	ppm	1494	1666	---	---
Phosphorus	ppm	1355	1341	---	---
Barium	ppm	0	0	---	---
Boron	ppm	129	146	---	---

Depot: VOLVO3387
Unique No: 10842658
Signed: Wes Davis
Report Date: 22 Jan 2024



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GRAPHS

