



CONSTRUCTION EQUIPMENT

24356 VOLVO L110H 632301 - REAR AXLE



Sample No: VCP420553
Oil Type: VOLVO WB 102
Job No: 24356



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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SAMPLE INFORMATION

Sample Number	VCP420553	VCP400689	---	---
Sample Date	02 Nov 2023	04 Mar 2023	---	---
Machine Hours	7188	3476	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	45.0	40.9	---	---
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CONTAMINATION

Silicon	ppm	16	20	---	---
Sodium	ppm	5	10	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	261	253	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	5	6	---	---
Molybdenum	ppm	7	12	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	15	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3590	3895	---	---
Magnesium	ppm	24	17	---	---
Zinc	ppm	1465	1537	---	---
Phosphorus	ppm	1219	1204	---	---
Barium	ppm	0	0	---	---
Boron	ppm	116	117	---	---

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: VOLVO3387
Unique No: 10735616
Signed: Wes Davis
Report Date: 09 Nov 2023



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GRAPHS

