



CONSTRUCTION EQUIPMENT

633168 BULK EXP VOLVO L180H 5720 - FRONT AXLE



Sample No: VCP434603
Oil Type: VOLVO WB 102
Job No: 633168 BULK EXP



SAMPLE INFORMATION

Sample Number	VCP434603	VCP434888	---	---
Sample Date	07 Nov 2023	13 Sep 2023	---	---
Machine Hours	1692	1126	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	41.3	41.1	---	---
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CONTAMINATION

Silicon	ppm	14	12	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	2	3	---	---

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	61	49	---	---
Copper	ppm	4	3	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	4	4	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3646	3899	---	---
Magnesium	ppm	12	13	---	---
Zinc	ppm	1547	1603	---	---
Phosphorus	ppm	1344	1325	---	---
Barium	ppm	0	0	---	---
Boron	ppm	127	150	---	---

Depot: VOLVO0096
Unique No: 10739703
Signed: Wes Davis
Report Date: 14 Nov 2023



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GRAPHS

