



CONSTRUCTION EQUIPMENT

SWA346801 LKQ VOLVO L90H 626616 - FRONT AXLE



Sample No: VCP432052
Oil Type: VOLVO WB 102
Job No: SWA346801 LKQ



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SAMPLE INFORMATION

Sample Number	VCP432052	VCP424863	---	---
Sample Date	25 Sep 2023	06 Jun 2023	---	---
Machine Hours	1691	1005	---	---
Oil Hours	0	1005	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.3	42.0	---	---
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CONTAMINATION

Silicon	ppm	15	23	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	0	3	---	---



WEAR METALS

Iron	ppm	38	91	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	1	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	2	36	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3950	4236	---	---
Magnesium	ppm	17	13	---	---
Zinc	ppm	1555	1675	---	---
Phosphorus	ppm	1304	1363	---	---
Barium	ppm	0	0	---	---
Boron	ppm	143	137	---	---

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: VOLVO0093
Unique No: 10669060
Signed: Wes Davis
Report Date: 28 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

