



CONSTRUCTION EQUIPMENT

SPM606158 LKQ VOLVO L90H 625664 - REAR AXLE



Sample No: VCP432672
Oil Type: VOLVO WB 102
Job No: SPM606158 LKQ



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SAMPLE INFORMATION

Sample Number	VCP432672	VCP369972	VCP356995	---
Sample Date	06 Sep 2023	24 Oct 2022	31 Mar 2022	---
Machine Hours	4016	2347	1497	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	44.0	42.2	39.6	---
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CONTAMINATION

Silicon	ppm	9	11	10	---
Sodium	ppm	3	3	10	---
Potassium	ppm	0	2	0	---



WEAR METALS

Iron	ppm	34	30	62	---
Copper	ppm	15	5	11	---
Lead	ppm	0	<1	1	---
Tin	ppm	<1	<1	2	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	<1	1	3	---
Molybdenum	ppm	0	<1	4	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	1	2	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2700	4093	3978	---
Magnesium	ppm	17	13	15	---
Zinc	ppm	1394	1676	1517	---
Phosphorus	ppm	1302	1333	1258	---
Barium	ppm	0	2	0	---
Boron	ppm	94	137	150	---

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: 10647696
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

