



CONSTRUCTION EQUIPMENT

41782 COVIA VOLVO L180C 61057 - REAR AXLE



Sample No: VCP453820
Oil Type: VOLVO WB 102
Job No: 41782 COVIA



SAMPLE INFORMATION

Sample Number	VCP453820	VCP239705	---	---
Sample Date	20 May 2024	24 Apr 2020	---	---
Machine Hours	4333	0	---	---
Oil Hours	0	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.7	42.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	25	34	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	3	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	106	185	---	---
Copper	ppm	6	12	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	7	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3962	3778	---	---
Magnesium	ppm	24	53	---	---
Zinc	ppm	1549	1563	---	---
Phosphorus	ppm	1137	1156	---	---
Barium	ppm	0	0	---	---
Boron	ppm	112	110	---	---

Depot: VOLVO0013
Unique No: 11046310
Signed: Wes Davis
Report Date: 24 May 2024



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VOLVO GRAPHS

