



CONSTRUCTION EQUIPMENT

VOLVO L90G 617437 - FRONT AXLE



Sample No: VCP401252
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP401252	VCP401168	---	---
Sample Date	15 Sep 2023	15 Sep 2023	---	---
Machine Hours	8105	8105	---	---
Oil Hours	8105	8105	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	41.8	41.8	---	---
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CONTAMINATION

Silicon	ppm	14	42	---	---
Sodium	ppm	10	10	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	91	91	---	---
Copper	ppm	<1	7	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	4158	4193	---	---
Magnesium	ppm	24	25	---	---
Zinc	ppm	1687	1681	---	---
Phosphorus	ppm	1347	1360	---	---
Barium	ppm	0	0	---	---
Boron	ppm	159	166	---	---

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: VOLVO0090
Unique No: 10657956
Signed: Wes Davis
Report Date: 21 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

