



CONSTRUCTION EQUIPMENT

S996 I PULL U PULL VOLVO L90H 625311 - FRONT AXLE



Sample No: VCP402645
Oil Type: VOLVO WB 102
Job No: S996 I PULL U PULL



SAMPLE INFORMATION

Sample Number	VCP402645	VCP355018	---	---
Sample Date	19 Sep 2023	13 Jul 2022	---	---
Machine Hours	4292	2168	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826
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OIL CONDITION

Visc @ 40°C	cSt	41.7	39.8	---	---
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CONTAMINATION

Silicon	ppm	15	13	---	---
Sodium	ppm	2	8	---	---
Potassium	ppm	1	2	---	---

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	63	96	---	---
Copper	ppm	< 1	1	---	---
Lead	ppm	0	< 1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	4	14	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3744	4059	---	---
Magnesium	ppm	14	10	---	---
Zinc	ppm	1507	1625	---	---
Phosphorus	ppm	1204	1305	---	---
Barium	ppm	0	0	---	---
Boron	ppm	95	141	---	---

Depot: VOLVO4485
Unique No: 10669675
Signed: Wes Davis
Report Date: 28 Sep 2023



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GRAPHS

