



CONSTRUCTION EQUIPMENT

S50601799 IAA BAY PT VOLVO L90H 625920 - FRONT AXLE



Sample No: VCP441501
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: S50601799 IAA BAY PT



SAMPLE INFORMATION

Sample Number	VCP441501	VCP340503	---	---
Sample Date	16 Feb 2024	02 Feb 2023	---	---
Machine Hours	3995	2243	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

1944 MARINA BLVD
SAN LEANDRO, CA
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OIL CONDITION

Visc @ 40°C	cSt	45.4	39.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	11	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	2	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	36	45	---	---
Copper	ppm	20	22	---	---
Lead	ppm	0	1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	0	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	8	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3830	3837	---	---
Magnesium	ppm	84	14	---	---
Zinc	ppm	1527	1596	---	---
Phosphorus	ppm	1355	1293	---	---
Barium	ppm	0	0	---	---
Boron	ppm	131	129	---	---

Depot: VOLVO4487
Unique No: 10896248
Signed: Wes Davis
Report Date: 23 Feb 2024



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GRAPHS

