



CONSTRUCTION EQUIPMENT

550601935 IAA VOLVO L90H 625921 - FRONT AXLE



Sample No: VCP446697
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 550601935 IAA



SAMPLE INFORMATION

Sample Number	VCP446697	VCP338530	VCP353905	---
Sample Date	19 Mar 2024	05 Jan 2023	13 May 2022	---
Machine Hours	4452	2195	1043	---
Oil Hours	0	0	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

1944 MARINA BLVD
SAN LEANDRO, CA
US 94577

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OIL CONDITION

Visc @ 40°C	cSt	45.7	41.4	39.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	13	10	---
Sodium	ppm	0	11	10	---
Potassium	ppm	1	0	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	17	25	31	---
Copper	ppm	2	4	3	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	1	1	---
Molybdenum	ppm	4	2	5	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3710	4196	3939	---
Magnesium	ppm	53	15	10	---
Zinc	ppm	1508	1682	1521	---
Phosphorus	ppm	1172	1333	1363	---
Barium	ppm	0	0	0	---
Boron	ppm	145	127	121	---

Depot: VOLVO4487
Unique No: 10940905
Signed: Wes Davis
Report Date: 25 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

