



CONSTRUCTION EQUIPMENT

407438 VOLVO L150H 6828 - REAR AXLE



Sample No: VCP448168
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 407438



SAMPLE INFORMATION

Sample Number	VCP448168	VCP394758	VCP297793	---
Sample Date	07 Jun 2024	31 Jul 2023	24 Jun 2021	---
Machine Hours	9999	8027	3945	---
Oil Hours	2000	4000	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Strongco Equipment
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OIL CONDITION

Visc @ 40°C	cSt	42.0	39.3	39.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	9	10	---
Sodium	ppm	2	8	4	---
Potassium	ppm	<1	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	27	90	96	---
Copper	ppm	3	10	19	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	2	<1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	0	<1	2	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	3	4	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3929	3868	3879	---
Magnesium	ppm	12	14	8	---
Zinc	ppm	1605	1586	1668	---
Phosphorus	ppm	1293	1403	1339	---
Barium	ppm	0	0	0	---
Boron	ppm	113	115	110	---

Depot: CASKIT
Unique No: 5801370
Signed: Wes Davis
Report Date: 25 Jun 2024



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GRAPHS

