



CONSTRUCTION EQUIPMENT

SPM689367 VOLVO L90H 624611 - FRONT AXLE



Sample No: VCP437368
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: SPM689367



SAMPLE INFORMATION

Sample Number	VCP437368	VCP371733	VCP330105	VCP342014
Sample Date	05 Apr 2024	12 Jul 2022	17 Mar 2022	24 Nov 2021
Machine Hours	8707	6096	5503	4890
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - AURORA
 280 E SULLIVAN
 AURORA, IL
 US 60505
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	42.4	46.5	41.5	42.0
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	10	8	13
Sodium	ppm	3	6	4	8
Potassium	ppm	0	1	2	<1

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	30	27	11	23
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	2	<1	1
Chromium	ppm	<1	<1	0	1
Molybdenum	ppm	<1	2	1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3899	3898	3712	4381
Magnesium	ppm	17	16	10	21
Zinc	ppm	1559	1546	1560	1651
Phosphorus	ppm	1293	1239	1332	1395
Barium	ppm	0	0	0	0
Boron	ppm	134	157	125	121

Depot: INSAUR
Unique No: 10977817
Signed: Wes Davis
Report Date: 15 Apr 2024



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VOLVO GRAPHS

