



CONSTRUCTION EQUIPMENT

SPM689362 VOLVO L90G 617626 - FRONT AXLE



Sample No: VCP439356
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: SPM689362



SAMPLE INFORMATION

Sample Number	VCP439356	VCP355356	VCP330099	VCP336891
Sample Date	05 Apr 2024	12 Jul 2022	17 Mar 2022	29 Nov 2021
Machine Hours	11322	10540	10061	9724
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
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	43.3	43.0	40.4	40.5
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	13	8	12
Sodium	ppm	9	6	3	3
Potassium	ppm	0	2	3	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	14	6	8	26
Copper	ppm	0	<1	<1	5
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	<1	3
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4103	4104	3517	4096
Magnesium	ppm	17	14	10	16
Zinc	ppm	1585	1587	1532	1532
Phosphorus	ppm	1332	1253	1343	1351
Barium	ppm	0	2	0	3
Boron	ppm	140	154	116	132

Depot: INSAUR
Unique No: 10977818
Signed: Wes Davis
Report Date: 15 Apr 2024



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GRAPHS

