



CONSTRUCTION EQUIPMENT

SPM689362 VOLVO L90G 617626 - REAR AXLE



Sample No: VCP304648
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: SPM689362



SAMPLE INFORMATION

Sample Number	VCP304648	VCP355393	VCP330103	VCP336886
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	42.8	42.6	39.7	40.4
-------------	-----	-------------	------	------	------

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	13	10	15
Sodium	ppm	9	6	4	9
Potassium	ppm	0	2	3	<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	14	6	17	41
Copper	ppm	0	<1	3	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	2	<1	2
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4018	4141	3448	4321
Magnesium	ppm	17	14	10	23
Zinc	ppm	1596	1577	1516	1638
Phosphorus	ppm	1315	1268	1363	1411
Barium	ppm	0	2	0	0
Boron	ppm	135	154	115	120

Depot: INSAUR
Unique No: 10977819
Signed: Wes Davis
Report Date: 15 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

