



CONSTRUCTION EQUIPMENT

VOLVO L90H 624283 - FRONT AXLE



Sample No: VCP412826
Oil Type: MOBIL WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP412826	VCP398898	VCP372044	VCP320252
Sample Date	06 May 2024	09 Mar 2023	17 Jun 2022	03 Sep 2021
Machine Hours	10610	8660	7230	6020
Oil Hours	2000	2000	0	2000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - BRIDGEPORT
 396 E SCHUYLKILL RIVER RD
 BRIDGEPORT, PA
 US 19405
 Contact: DOUG



OIL CONDITION

Visc @ 40°C	cSt	42.0	41.9	42.4	42.9
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	23	9	11	6
Sodium	ppm	0	3	5	4
Potassium	ppm	4	2	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	54	69	33	13
Copper	ppm	2	1	1	2
Lead	ppm	<1	<1	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	4	4	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	<1	1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	3874	1830	1797	1506
Magnesium	ppm	18	10	10	11
Zinc	ppm	1566	971	922	863
Phosphorus	ppm	1389	756	725	707
Barium	ppm	0	0	0	0
Boron	ppm	134	52	56	42

Depot: IAABRI
Unique No: 11033059
Signed: Wes Davis
Report Date: 17 May 2024



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VOLVO GRAPHS

