



CONSTRUCTION EQUIPMENT

W14311 VOLVO L260H 1222 - REAR AXLE



Sample No: VCP404686
Oil Type: VOLVO WB 102
Job No: W14311



SAMPLE INFORMATION

Sample Number	VCP404686	VCP385631	VCP354901	VCP330094
Sample Date	14 Jul 2023	01 Nov 2022	26 Jul 2022	15 Mar 2022
Machine Hours	3075	2527	2021	1495
Oil Hours	1000	2500	2000	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	51.7	39.7	39.9	40.5
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CONTAMINATION

Silicon	ppm	13	12	11	14
Sodium	ppm	0	9	7	8
Potassium	ppm	1	<1	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	16	109	95	92
Copper	ppm	<1	4	4	4
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	1	1	1	2
Chromium	ppm	<1	4	3	4
Molybdenum	ppm	1	4	4	4
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	4	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3435	3291	3191	3333
Magnesium	ppm	14	11	8	11
Zinc	ppm	1377	1323	1369	1345
Phosphorus	ppm	1143	1129	1120	1138
Barium	ppm	0	0	0	0
Boron	ppm	134	105	116	102

Depot: VOLVO0080
Unique No: 10565330
Signed: Don Baldrige
Report Date: 24 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

