



# CONSTRUCTION EQUIPMENT

W14311 VOLVO L260H 1222 - FRONT AXLE



**Sample No:** VCP404689  
**Oil Type:** VOLVO WB 102  
**Job No:** W14311



## SAMPLE INFORMATION

Sample Number	<b>VCP404689</b>	VCP385634	VCP373441	VCP330091
Sample Date	<b>14 Jul 2023</b>	01 Nov 2022	26 Jul 2022	15 Mar 2022
Machine Hours	<b>3075</b>	2527	2021	1495
Oil Hours	<b>1000</b>	2500	2000	500
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>51.6</b>	39.7	39.9	40.3
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## CONTAMINATION

Silicon	ppm	<b>13</b>	12	14	15
Sodium	ppm	<b>0</b>	9	7	9
Potassium	ppm	<b>2</b>	<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	<b>15</b>	108	109	218
Copper	ppm	<b>&lt;1</b>	4	4	3
Lead	ppm	<b>0</b>	<1	<1	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>1</b>	1	2	2
Chromium	ppm	<b>&lt;1</b>	4	4	6
Molybdenum	ppm	<b>1</b>	4	4	4
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>&lt;1</b>	4	4	6
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3472</b>	3248	3234	3846
Magnesium	ppm	<b>14</b>	11	9	12
Zinc	ppm	<b>1388</b>	1310	1378	1500
Phosphorus	ppm	<b>1142</b>	1120	1122	1287
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>130</b>	103	118	120

**Depot:** VOLVO0080  
**Unique No:** 10565331  
**Signed:** Don Baldrige  
**Report Date:** 24 Jul 2023



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## VOLVO GRAPHS

