



# CONSTRUCTION EQUIPMENT

## 9357 VOLVO L220H 3064 - REAR AXLE



**Sample No:** VCP422889  
**Oil Type:** VOLVO WB 102  
**Job No:** 9357



### SAMPLE INFORMATION

Sample Number	<b>VCP422889</b>	VCP404288	VCP358601	VCP361426
Sample Date	<b>26 Jul 2023</b>	20 Dec 2022	08 Aug 2022	20 Apr 2022
Machine Hours	<b>16056</b>	14157	13237	12248
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**WHEELABRATOR**  
 1801 ANNAPOLIS RD  
 BALTIMORE, MD  
 US 21230  
 Contact: SERVICE MANAGER



### OIL CONDITION

Visc @ 40°C	cSt	<b>42.9</b>	43.8	44.3	46.4
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T: (215)428-7902  
 F:



### CONTAMINATION

Silicon	ppm	<b>7</b>	9	24	13
Sodium	ppm	<b>2</b>	3	7	4
Potassium	ppm	<b>0</b>	1	0	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>14</b>	14	42	53
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	2	2
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>1</b>	4	4	12
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2106</b>	3311	3477	2695
Magnesium	ppm	<b>15</b>	52	50	93
Zinc	ppm	<b>1005</b>	1397	1477	1265
Phosphorus	ppm	<b>803</b>	1110	1151	1017
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>74</b>	106	131	101

**Depot:** WHEBAL  
**Unique No:** 10586776  
**Signed:** Don Baldrige  
**Report Date:** 04 Aug 2023



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## GRAPHS

