



# CONSTRUCTION EQUIPMENT

674383 VOLVO L220H 3368 - REAR AXLE



**Sample No:** VCP445980  
**Oil Type:** VOLVO WB 102  
**Job No:** 674383



## SAMPLE INFORMATION

Sample Number	<b>VCP445980</b>	VCP432374	VCP425445	VCP369989
Sample Date	<b>14 Feb 2024</b>	12 Dec 2023	18 Jul 2023	13 Oct 2022
Machine Hours	<b>5101</b>	4672	3780	2139
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	<b>43.2</b>	44.6	47.6	40.5
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T: (772)461-3020  
 F:



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>11</b>	10	12	10
Sodium	ppm	<b>1</b>	2	4	8
Potassium	ppm	<b>0</b>	0	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	<b>31</b>	46	83	45
Copper	ppm	<b>15</b>	8	42	8
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	<1	2	<1
Chromium	ppm	<b>&lt;1</b>	<1	2	2
Molybdenum	ppm	<b>1</b>	0	2	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	3	3
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3482</b>	3532	4052	3843
Magnesium	ppm	<b>16</b>	16	24	10
Zinc	ppm	<b>1545</b>	1503	1679	1524
Phosphorus	ppm	<b>1276</b>	1254	1386	1274
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>113</b>	125	130	131

**Depot:** BLUFOR  
**Unique No:** 10886181  
**Signed:** Wes Davis  
**Report Date:** 20 Feb 2024



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## VOLVO GRAPHS

