



# CONSTRUCTION EQUIPMENT

566232 NA MINING VOLVO L150H 6491 - FRONT AXLE



**Sample No:** VCP417566  
**Oil Type:** VOLVO WB 102  
**Job No:** 566232 NA MINING



## SAMPLE INFORMATION

Sample Number	<b>VCP417566</b>	VCP354105	VCP279222	---
Sample Date	<b>14 Jun 2023</b>	22 Aug 2022	28 Oct 2020	---
Machine Hours	<b>4891</b>	3814	1132	---
Oil Hours	<b>890</b>	500	1132	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>44.5</b>	43.2	40.2	---
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## CONTAMINATION

Silicon	ppm	<b>16</b>	14	10	---
Sodium	ppm	<b>8</b>	6	11	---
Potassium	ppm	<b>&lt;1</b>	0	<1	---



## WEAR METALS

Iron	ppm	<b>76</b>	57	44	---
Copper	ppm	<b>10</b>	11	47	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>&lt;1</b>	0	<1	---
Aluminum	ppm	<b>3</b>	<1	0	---
Chromium	ppm	<b>2</b>	2	2	---
Molybdenum	ppm	<b>2</b>	2	2	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>3</b>	2	4	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3941</b>	3727	3941	---
Magnesium	ppm	<b>18</b>	20	8	---
Zinc	ppm	<b>1683</b>	1492	1517	---
Phosphorus	ppm	<b>1328</b>	1194	1352	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>123</b>	133	119	---

## 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.

**Depot:** VOLVO0093  
**Unique No:** 10551192  
**Signed:** Wes Davis  
**Report Date:** 12 Jul 2023



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## GRAPHS

