



# CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3068 - FRONT AXLE



**Sample No:** VCP439711  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** TRANSPORT LEASING



## SAMPLE INFORMATION

Sample Number	<b>VCP439711</b>	VCP368335	VCP400159	VCP385003
Sample Date	<b>02 Apr 2024</b>	09 Jan 2024	12 Oct 2023	06 Feb 2023
Machine Hours	<b>13386</b>	12343	11271	10014
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>53.9</b>	53.3	51.2	49.3
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>17</b>	18	18	17
Sodium	ppm	<b>1</b>	0	<1	0
Potassium	ppm	<b>0</b>	1	0	2

## 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>48</b>	92	33	38
Copper	ppm	<b>0</b>	<1	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	2	1	<1
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	1	<1	6
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3584</b>	3324	3504	3479
Magnesium	ppm	<b>37</b>	23	37	48
Zinc	ppm	<b>1436</b>	1217	1480	1416
Phosphorus	ppm	<b>1208</b>	1224	1212	1166
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>119</b>	104	118	125

**Depot:** VOLVO1835  
**Unique No:** 10977824  
**Signed:** Wes Davis  
**Report Date:** 15 Apr 2024



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## VOLVO GRAPHS

