



# CONSTRUCTION EQUIPMENT

## VOLVO L150G NR23026 - REAR AXLE



**Sample No:** VCP442861  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP442861</b>	VCP418078	VCP396627	VCP405058
Sample Date	<b>05 Dec 2023</b>	06 Sep 2023	05 Jun 2023	24 Mar 2023
Machine Hours	<b>13014</b>	12744	12465	12252
Oil Hours	<b>1013</b>	744	465	251
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>51.1</b>	51.6	53.4	60.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>12</b>	11	11	12
Sodium	ppm	<b>&lt;1</b>	3	2	1
Potassium	ppm	<b>1</b>	2	1	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>14</b>	10	7	3
Copper	ppm	<b>&lt;1</b>	1	0	0
Lead	ppm	<b>&lt;1</b>	1	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>4</b>	4	4	4
Nickel	ppm	<b>0</b>	0	<1	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	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3211</b>	3166	3412	2862
Magnesium	ppm	<b>5</b>	27	27	28
Zinc	ppm	<b>1411</b>	1288	1416	1194
Phosphorus	ppm	<b>1017</b>	1030	1137	951
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>111</b>	84	94	85

**Depot:** MARDIC  
**Unique No:** 10779862  
**Signed:** Wes Davis  
**Report Date:** 12 Dec 2023



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## GRAPHS

