



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 4487 - REAR AXLE



**Sample No:** VCP401938

**Oil Type:** MOBIL MOBILGARD 424

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP401938</b>	VCP378553	VCP363383	VCP362725
Sample Date	<b>15 Aug 2023</b>	11 Apr 2023	07 Mar 2023	07 Nov 2022
Machine Hours	<b>17210</b>	16479	16278	15641
Oil Hours	<b>731</b>	838	637	1024
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>52.7</b>	49.8	50.7	51.5
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### CONTAMINATION

Silicon	ppm	<b>13</b>	12	14	10
Sodium	ppm	<b>3</b>	3	4	3
Potassium	ppm	<b>2</b>	0	0	2

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>7</b>	5	7	8
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>2</b>	<1	1	0
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	1	<1
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	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3645</b>	3110	3606	3561
Magnesium	ppm	<b>16</b>	18	22	19
Zinc	ppm	<b>1408</b>	1250	1425	1427
Phosphorus	ppm	<b>1177</b>	953	1143	1123
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>140</b>	106	122	111

**Depot:** SCHGRE  
**Unique No:** 10617694  
**Signed:** Sean Felton  
**Report Date:** 25 Aug 2023



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## GRAPHS

