



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 5363 - FRONT AXLE



**Sample No:** VCP392697  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP392697</b>	VCP409008	VCP366580	VCP383678
Sample Date	<b>07 Sep 2023</b>	28 Jun 2023	17 Feb 2023	26 Dec 2022
Machine Hours	<b>8999</b>	8740	8239	8011
Oil Hours	<b>988</b>	740	250	2049
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>46.5</b>	47.0	50.6	50.6
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### CONTAMINATION

Silicon	ppm	<b>8</b>	8	9	5
Sodium	ppm	<b>2</b>	1	<1	2
Potassium	ppm	<b>2</b>	<1	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>9</b>	11	5	18
Copper	ppm	<b>4</b>	<1	0	5
Lead	ppm	<b>1</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>0</b>	1	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>2</b>	2	2	4
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</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>3271</b>	3638	3176	3037
Magnesium	ppm	<b>32</b>	34	36	23
Zinc	ppm	<b>1345</b>	1496	1261	1270
Phosphorus	ppm	<b>1099</b>	1251	958	1037
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>80</b>	100	88	88

**Depot:** MARDIC  
**Unique No:** 10645566  
**Signed:** Don Baldrige  
**Report Date:** 15 Sep 2023



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## GRAPHS

