



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 4375 - REAR AXLE



**Sample No:** VCP442919  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP442919</b>	VCP409004	VCP403845	VCP405046
Sample Date	<b>22 Nov 2023</b>	07 Aug 2023	15 May 2023	09 Mar 2023
Machine Hours	<b>11007</b>	10788	10497	10236
Oil Hours	<b>1026</b>	807	500	255
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>50.0</b>	45.0	47.0	89.4
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>8</b>	22	10	8
Sodium	ppm	<b>2</b>	3	<1	1
Potassium	ppm	<b>0</b>	0	1	<1

### 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>31</b>	55	19	16
Copper	ppm	<b>2</b>	2	<1	<1
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>&lt;1</b>	3	2	1
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>3</b>	3	3	3
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>3285</b>	3436	3795	3289
Magnesium	ppm	<b>29</b>	35	0	31
Zinc	ppm	<b>1298</b>	1373	1593	1350
Phosphorus	ppm	<b>1167</b>	1187	1263	1069
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>84</b>	115	87	82

**Depot:** MARDIC  
**Unique No:** 10763023  
**Signed:** Wes Davis  
**Report Date:** 28 Nov 2023



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## GRAPHS

