



# CONSTRUCTION EQUIPMENT

## VOLVO L150F 14205 - REAR AXLE



**Sample No:** VCP385220  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP385220</b>	VCP385212	VCP359620	VCP318327
Sample Date	<b>09 Aug 2023</b>	23 Feb 2023	23 Aug 2022	11 Jan 2022
Machine Hours	<b>24538</b>	23459	23260	22797
Oil Hours	<b>1079</b>	199	944	481
Oil Changed	<b>Changed</b>	Changed	Changed	Not Changd
Sample Status	<b>ABNORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>51.0</b>	52.2	52.0	55.6
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### CONTAMINATION

Silicon	ppm	<b>27</b>	12	18	14
Sodium	ppm	<b>&lt;1</b>	9	7	3
Potassium	ppm	<b>2</b>	0	2	<1



### WEAR METALS

Iron	ppm	<b>17</b>	6	13	6
Copper	ppm	<b>0</b>	0	<1	0
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	2	2
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	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>4702</b>	3480	3522	3715
Magnesium	ppm	<b>25</b>	22	17	17
Zinc	ppm	<b>1736</b>	1292	1403	1484
Phosphorus	ppm	<b>1406</b>	1045	1157	1142
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>170</b>	120	131	112

### Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. 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.

**Depot:** SCHGRE  
**Unique No:** 10617695  
**Signed:** Sean Felton  
**Report Date:** 25 Aug 2023



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## VOLVO GRAPHS

