



# CONSTRUCTION EQUIPMENT

## 10792 VOLVO L120H 632707 - REAR AXLE



**Sample No:** VCP416442  
**Oil Type:** TRANSAXLE OIL SAE 75W80  
**Job No:** 10792



### SAMPLE INFORMATION

Sample Number	<b>VCP416442</b>	VCP363731	VCP348611	VCP283854
Sample Date	<b>04 Aug 2023</b>	09 Sep 2022	25 Jan 2022	10 Jun 2021
Machine Hours	<b>4040</b>	3445	2840	2030
Oil Hours	<b>0</b>	1000	500	1000
Oil Changed	<b>N/A</b>	Not Changd	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.0</b>	41.9	42.4	40.9
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### CONTAMINATION

Silicon	ppm	<b>24</b>	10	12	11
Sodium	ppm	<b>12</b>	9	9	8
Potassium	ppm	<b>&lt;1</b>	0	1	0



### WEAR METALS

Iron	ppm	<b>130</b>	56	38	54
Copper	ppm	<b>&lt;1</b>	0	<1	0
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>2</b>	2	1	<1
Chromium	ppm	<b>3</b>	<1	<1	1
Molybdenum	ppm	<b>1</b>	<1	<1	2
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>4</b>	2	1	2
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3896</b>	3778	3725	3790
Magnesium	ppm	<b>23</b>	18	18	19
Zinc	ppm	<b>1527</b>	1475	1390	1424
Phosphorus	ppm	<b>1241</b>	1240	1237	1201
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>142</b>	144	140	123

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.  
 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.

**Depot:** JAAPHI  
**Unique No:** 10601784  
**Signed:** Wes Davis  
**Report Date:** 11 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

