



# CONSTRUCTION EQUIPMENT

## 385092 VOLVO L60H 621030 - FRONT AXLE



**Sample No:** VCP392049  
**Oil Type:** VOLVO WB 102  
**Job No:** 385092



### SAMPLE INFORMATION

Sample Number	<b>VCP392049</b>	VCP274063	VCP275171	VCP273091
Sample Date	<b>16 Nov 2023</b>	07 May 2021	25 Nov 2020	19 Jun 2020
Machine Hours	<b>12292</b>	5937	5012	4008
Oil Hours	<b>2000</b>	2000	500	2000
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



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### OIL CONDITION

Visc @ 40°C	cSt	<b>129</b>	39.4	39.9	40.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>16</b>	12	12	13
Sodium	ppm	<b>10</b>	10	7	4
Potassium	ppm	<b>1</b>	<1	<1	1



### WEAR METALS

Iron	ppm	<b>70</b>	25	18	50
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>&lt;1</b>	<1	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	<1	<1	<1



### ADDITIVES

Calcium	ppm	<b>4083</b>	4044	4127	4151
Magnesium	ppm	<b>15</b>	15	13	11
Zinc	ppm	<b>1614</b>	1643	1738	1654
Phosphorus	ppm	<b>1359</b>	1287	1337	1343
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>121</b>	115	120	119

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** VOLVO0228  
**Unique No:** 5682729  
**Signed:** Wes Davis  
**Report Date:** 20 Nov 2023



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## GRAPHS

