



# CONSTRUCTION EQUIPMENT

## 385092 VOLVO L60H 621030 - REAR AXLE



**Sample No:** VCP392047  
**Oil Type:** VOLVO WB 102  
**Job No:** 385092



### SAMPLE INFORMATION

Sample Number	<b>VCP392047</b>	VCP274056	VCP275169	VCP273088
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>136</b>	39.6	40.0	40.4
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>21</b>	12	11	13
Sodium	ppm	<b>11</b>	10	7	4
Potassium	ppm	<b>1</b>	1	<1	<1



### WEAR METALS

Iron	ppm	<b>86</b>	24	14	47
Copper	ppm	<b>12</b>	2	5	36
Lead	ppm	<b>4</b>	<1	1	8
Tin	ppm	<b>1</b>	<1	<1	3
Aluminum	ppm	<b>3</b>	1	<1	<1
Chromium	ppm	<b>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>	<1	0	0
Manganese	ppm	<b>1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>4101</b>	4107	4108	4163
Magnesium	ppm	<b>17</b>	15	13	12
Zinc	ppm	<b>1617</b>	1669	1737	1672
Phosphorus	ppm	<b>1346</b>	1303	1329	1351
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>122</b>	117	120	120

### 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:** 5682728  
**Signed:** Wes Davis  
**Report Date:** 20 Nov 2023



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## GRAPHS

