



# CONSTRUCTION EQUIPMENT

## A11995 VOLVO EC220D 210516 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP408149  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A11995



### SAMPLE INFORMATION

Sample Number	<b>VCP408149</b>	VCP398902	VCP365720	VCP361454
Sample Date	<b>27 Jan 2024</b>	07 Mar 2023	22 Nov 2022	14 Jul 2022
Machine Hours	<b>18920</b>	17930	17630	17175
Oil Hours	<b>1000</b>	1000	0	1000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### WASTE MANAGEMENT

5245 BLEIGH AVE  
 PHILADELPHIA, PA  
 US 19136  
 Contact: JERRY SAUTER  
 gsauterj@wm.com  
 T: (610)636-4994  
 F:

### OIL CONDITION

Visc @ 40°C	cSt	<b>298</b>	290	288	290
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### CONTAMINATION

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

### 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>60</b>	47	45	26
Copper	ppm	<b>0</b>	<1	0	<1
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	1	0	0
Chromium	ppm	<b>0</b>	<1	<1	0
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>40</b>	111	100	88
Magnesium	ppm	<b>2</b>	6	0	2
Zinc	ppm	<b>5</b>	44	39	43
Phosphorus	ppm	<b>976</b>	919	906	532
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>221</b>	155	204	113

**Depot:** WASPHI  
**Unique No:** 10873748  
**Signed:** Sean Felton  
**Report Date:** 13 Feb 2024



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## VOLVO GRAPHS

