



# CONSTRUCTION EQUIPMENT

## PM2114 VOLVO A35G 342092 - TRANSMISSION (AUTO)



**Sample No:** VCP322481  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** PM2114



### SAMPLE INFORMATION

Sample Number	<b>VCP322481</b>	VCP322486	VCP307403	VCP281902
Sample Date	<b>03 Mar 2022</b>	03 Mar 2022	09 Apr 2021	17 Jul 2020
Machine Hours	<b>6521</b>	6521	5308	3750
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	ATTENTION	NORMAL	NORMAL

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 8594 FRUITRIDGE ROAD  
 SACRAMENTO, CA  
 US 95826  
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 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>38.6</b>	▲ 83.6	■ 26.6	■ 26.5
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	■ <b>3</b>	■ 8	■ 2	■ 10
Sodium	ppm	■ <b>2</b>	■ 2	■ 3	■ 2
Potassium	ppm	■ <b>1</b>	■ <1	■ 15	■ 2

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	■ <b>13</b>	■ 9	■ 17	■ 25
Copper	ppm	■ <b>6</b>	■ 22	■ 8	■ 12
Lead	ppm	■ <b>0</b>	■ 2	■ 0	■ <1
Tin	ppm	■ <b>1</b>	■ <1	■ 0	■ 2
Aluminum	ppm	■ <b>7</b>	■ 2	■ 10	■ 13
Chromium	ppm	■ <b>0</b>	■ 0	■ <1	■ <1
Molybdenum	ppm	■ <b>0</b>	▲ 40	■ 0	■ 0
Nickel	ppm	■ <b>0</b>	■ 0	■ 2	■ 2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	■ <b>0</b>	■ <1	■ 0	■ 0
Manganese	ppm	■ <b>&lt;1</b>	■ <1	■ <1	■ 1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	■ <b>93</b>	▲ 1800	■ 80	■ 93
Magnesium	ppm	■ <b>&lt;1</b>	▲ 536	■ <1	■ <1
Zinc	ppm	■ <b>0</b>	▲ 1246	■ 4	■ 7
Phosphorus	ppm	■ <b>172</b>	▲ 1057	■ 160	■ 153
Barium	ppm	■ <b>0</b>	■ 0	■ 0	■ 0
Boron	ppm	■ <b>67</b>	■ 43	■ 72	■ 73

**Depot:** VOLVO4485  
**Unique No:** 9879938  
**Signed:** Jonathan Hester  
**Report Date:** 09 Mar 2022



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## VOLVO GRAPHS

