



# CONSTRUCTION EQUIPMENT

## S50100644 RAMONA DIS VOLVO L120 66542 - REAR AXLE



**Sample No:** VCP288848  
**Oil Type:** {unknown}  
**Job No:** S50100644 RAMONA DIS



### SAMPLE INFORMATION

Sample Number	<b>VCP288848</b>	VCP349759	VCP281975	VCP102511
Sample Date	<b>05 Jan 2024</b>	19 Jul 2022	03 Nov 2020	15 Jun 2011
Machine Hours	<b>39357</b>	37068	32930	7292
Oil Hours	<b>0</b>	0	0	2000
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 12345 MAPLEVIEW STREET  
 LAKESIDE, CA  
 US 92040  
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 T: X  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>51.5</b>	50.2	40.7	52.18
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	24	8	14
Sodium	ppm	<b>&lt;1</b>	12	4	4
Potassium	ppm	<b>0</b>	2	0	1

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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>95</b>	340	68	22
Copper	ppm	<b>9</b>	3	2	<1
Lead	ppm	<b>0</b>	<1	<1	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	7	<1	<1
Chromium	ppm	<b>1</b>	4	<1	<1
Molybdenum	ppm	<b>0</b>	2	<1	2
Nickel	ppm	<b>&lt;1</b>	2	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	3	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1096</b>	3951	3748	3134
Magnesium	ppm	<b>13</b>	31	13	20
Zinc	ppm	<b>626</b>	1541	1498	1259
Phosphorus	ppm	<b>1538</b>	1239	1253	1190
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>158</b>	139	129	98

**Depot:** VOLVO4488  
**Unique No:** 10832901  
**Signed:** Wes Davis  
**Report Date:** 17 Jan 2024



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## VOLVO GRAPHS

