



CONSTRUCTION EQUIPMENT

S50100644 RAMONA DIS VOLVO L120 66542 - FRONT AXLE



Sample No: VCP414453
Oil Type: {unknown}
Job No: S50100644 RAMONA DIS



SAMPLE INFORMATION

Sample Number	VCP414453	VCP349762	VCP281657	VCP113785
Sample Date	05 Jan 2024	20 Jul 2022	03 Nov 2020	15 Jun 2011
Machine Hours	39357	37068	32930	7292
Oil Hours	0	0	0	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X
 F: X



OIL CONDITION

Visc @ 40°C	cSt	47.7	40.5	40.2	51.41
-------------	-----	-------------	------	------	-------



CONTAMINATION

Water	%	0.221	NEG	NEG	NEG
Silicon	ppm	6	8	8	13
Sodium	ppm	5	6	4	4
Potassium	ppm	0	0	0	1

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	12	44	30	21
Copper	ppm	21	3	4	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3040	3314	3729	3084
Magnesium	ppm	11	10	11	20
Zinc	ppm	1454	1401	1504	1243
Phosphorus	ppm	1236	1208	1251	1150
Barium	ppm	0	0	0	0
Boron	ppm	92	112	125	98

Depot: VOLVO4488
Unique No: 10832902
Signed: Jonathan Hester
Report Date: 18 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

