



CONSTRUCTION EQUIPMENT

715763 VOLVO L110G 8426 - REAR AXLE



Sample No: VCP454554
Oil Type: VOLVO WB 102
Job No: 715763



SAMPLE INFORMATION

Sample Number	VCP454554	VCP362605	VCE236274	VCE236765
Sample Date	29 May 2024	01 Apr 2022	14 Jun 2016	19 Mar 2016
Machine Hours	16399	13974	6000	5500
Oil Hours	2000	2000	500	1500
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BLAZE CONSTRUCTION

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OIL CONDITION

Visc @ 40°C	cSt	42.7	41.6	52.26	91.21
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	11	12	8
Sodium	ppm	5	2	<1	<1
Potassium	ppm	1	0	0	<1

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	26	26	29	60
Copper	ppm	0	0	0	0
Lead	ppm	0	<1	1	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	4	0	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3458	3973	2619	3848
Magnesium	ppm	28	54	5	9
Zinc	ppm	1493	1401	1127	996
Phosphorus	ppm	1250	1300	952	1200
Barium	ppm	0	0	0	0
Boron	ppm	142	139	2	4

Depot: BLADET
Unique No: 11072508
Signed: Wes Davis
Report Date: 12 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

