



CONSTRUCTION EQUIPMENT

660621 R BRO VOLVO L120H 632683 - REAR AXLE



Sample No: VCP440289
Oil Type: VOLVO WB 102
Job No: 660621 R BRO



SAMPLE INFORMATION

Sample Number	VCP440289	VCP432732	VCP421061	VCP369806
Sample Date	16 Jan 2024	31 Aug 2023	11 May 2023	12 Dec 2022
Machine Hours	5187	4522	4061	3124
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.3	44.5	54.6	55.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	23	12	12	12
Sodium	ppm	2	0	2	0
Potassium	ppm	0	0	<1	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	34	20	61	43
Copper	ppm	<1	0	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	2	2	2
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	4	2	4	4
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	3672	3916	3490	3661
Magnesium	ppm	33	36	38	32
Zinc	ppm	1429	1578	1388	1345
Phosphorus	ppm	1198	1235	1080	1081
Barium	ppm	0	0	0	0
Boron	ppm	118	122	77	89

Depot: VOLVO0096
Unique No: 10845482
Signed: Wes Davis
Report Date: 24 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

