



CONSTRUCTION EQUIPMENT

W14409 VOLVO L110H 631888 - REAR AXLE



Sample No: VCP424372
Oil Type: VOLVO WB 102
Job No: W14409



SAMPLE INFORMATION

Sample Number	VCP424372	VCP380812	VCP382411	VCP362547
Sample Date	10 Jul 2023	27 Feb 2023	06 Dec 2022	25 Jul 2022
Machine Hours	6567	6011	5509	5005
Oil Hours	500	2000	500	1000
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	41.8	41.7	42.2	42.5
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CONTAMINATION

Silicon	ppm	8	8	11	13
Sodium	ppm	6	7	7	7
Potassium	ppm	<1	0	0	2



WEAR METALS

Iron	ppm	56	45	54	45
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	<1	1	0
Aluminum	ppm	1	<1	2	2
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	2	2	4	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	2413	2501	3624	3771
Magnesium	ppm	18	21	26	19
Zinc	ppm	1155	1021	1494	1527
Phosphorus	ppm	927	856	1186	1230
Barium	ppm	0	0	0	0
Boron	ppm	58	89	120	143

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.

Depot: VOLVO0080
Unique No: 10562992
Signed: Don Baldrige
Report Date: 20 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

