



CONSTRUCTION EQUIPMENT

SPM595430 BULK EXP VOLVO L150H 6937 - REAR AXLE



Sample No: VCP432803
Oil Type: VOLVO WB 102
Job No: SPM595430 BULK EXP



SAMPLE INFORMATION

Sample Number	VCP432803	VCP411683	VCP408189	VCP374728
Sample Date	29 Aug 2023	26 May 2023	21 Mar 2023	06 Jul 2022
Machine Hours	6060	5504	4909	3018
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ATTENTION	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.6	91.4	44.9	42.3
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CONTAMINATION

Silicon	ppm	17	17	15	12
Sodium	ppm	7	11	9	6
Potassium	ppm	2	2	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	262	240	196	66
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	2	<1	2	2
Chromium	ppm	4	3	3	2
Molybdenum	ppm	28	29	26	3
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	7	6	5	4
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3869	3780	3797	4271
Magnesium	ppm	12	12	16	20
Zinc	ppm	1579	1548	1524	1722
Phosphorus	ppm	1286	1209	1197	1334
Barium	ppm	2	0	0	0
Boron	ppm	151	150	125	133

Depot: VOLVO0093
Unique No: 10633292
Signed: Don Baldrige
Report Date: 07 Sep 2023



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GRAPHS

