



CONSTRUCTION EQUIPMENT

SPM595430 BULK EXP VOLVO L150H 6937 - FRONT AXLE



Sample No: VCP432802
Oil Type: VOLVO WB 102
Job No: SPM595430 BULK EXP



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SAMPLE INFORMATION

Sample Number	VCP432802	VCP411682	VCP422416	VCP374732
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



OIL CONDITION

Visc @ 40°C	cSt	42.5	103	44.1	42.7
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CONTAMINATION

Silicon	ppm	15	16	15	12
Sodium	ppm	6	9	8	6
Potassium	ppm	2	<1	0	<1



WEAR METALS

Iron	ppm	49	46	33	79
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	<1	1	2
Chromium	ppm	1	1	1	3
Molybdenum	ppm	2	2	2	3
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	3	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3795	3820	3743	4261
Magnesium	ppm	13	13	15	21
Zinc	ppm	1545	1546	1492	1713
Phosphorus	ppm	1280	1207	1196	1320
Barium	ppm	2	0	0	0
Boron	ppm	147	138	124	133

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: VOLVO0093
Unique No: 10633291
Signed: Wes Davis
Report Date: 06 Sep 2023



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GRAPHS

