



CONSTRUCTION EQUIPMENT

659872 VOLVO L150H 6945 - REAR AXLE



Sample No: VCP437454
Oil Type: VOLVO WB 102
Job No: 659872



SAMPLE INFORMATION

Sample Number	VCP437454	VCP432764	VCP408199	VCP376662
Sample Date	15 Jan 2024	05 Sep 2023	30 Mar 2023	16 Aug 2022
Machine Hours	7995	6908	5534	3798
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
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OIL CONDITION

Visc @ 40°C	cSt	42.7	42.8	42.8	42.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	9	14	12
Sodium	ppm	0	6	6	8
Potassium	ppm	2	0	0	0

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	249	133	270	134
Copper	ppm	8	19	19	19
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	2	2	2	2
Chromium	ppm	2	1	3	2
Molybdenum	ppm	29	2	16	7
Nickel	ppm	<1	1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	3	2	5	3
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	4232	3281	3787	3833
Magnesium	ppm	33	22	28	23
Zinc	ppm	1839	1492	1628	1610
Phosphorus	ppm	1360	1331	1296	1259
Barium	ppm	3	0	<1	<1
Boron	ppm	161	92	126	161

Depot: ORAORL
Unique No: 10836000
Signed: Wes Davis
Report Date: 19 Jan 2024



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GRAPHS

