



CONSTRUCTION EQUIPMENT

659872 VOLVO L150H 6945 - FRONT AXLE



Sample No: VCP437453
Oil Type: VOLVO WB 102
Job No: 659872



SAMPLE INFORMATION

Sample Number	VCP437453	VCP432765	VCP408200	VCP376667
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	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	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	42.3	42.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	15	27	23
Sodium	ppm	0	5	6	7
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	216	291	615	482
Copper	ppm	7	24	21	17
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	2	2	2	2
Chromium	ppm	<1	2	4	3
Molybdenum	ppm	3	1	2	2
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	4	7	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3685	3108	3787	3802
Magnesium	ppm	30	18	27	22
Zinc	ppm	1626	1306	1593	1581
Phosphorus	ppm	1188	1239	1290	1252
Barium	ppm	3	0	<1	<1
Boron	ppm	139	85	122	153

Depot: ORAORL
Unique No: 10835980
Signed: Wes Davis
Report Date: 19 Jan 2024



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GRAPHS

