



CONSTRUCTION EQUIPMENT

SPM606023 VOLVO L150H 6945 - REAR AXLE



Sample No: VCP432764
Oil Type: VOLVO WB 102
Job No: SPM606023



SAMPLE INFORMATION

Sample Number	VCP432764	VCP408199	VCP376662	VCP351692
Sample Date	05 Sep 2023	30 Mar 2023	16 Aug 2022	15 Feb 2022
Machine Hours	6908	5534	3798	2630
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
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	42.8	42.8	42.9	48.6
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CONTAMINATION

Silicon	ppm	9	14	12	14
Sodium	ppm	6	6	8	10
Potassium	ppm	0	0	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	133	270	134	243
Copper	ppm	19	19	19	86
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	2	2	0
Chromium	ppm	1	3	2	4
Molybdenum	ppm	2	16	7	18
Nickel	ppm	1	0	0	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	2	5	3	8
Vanadium	ppm	0	<1	<1	<1



ADDITIVES

Calcium	ppm	3281	3787	3833	3977
Magnesium	ppm	22	28	23	33
Zinc	ppm	1492	1628	1610	1502
Phosphorus	ppm	1331	1296	1259	1383
Barium	ppm	0	<1	<1	0
Boron	ppm	92	126	161	139

Depot: ORAORL
Unique No: 10647698
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

