



CONSTRUCTION EQUIPMENT

703135 364142 VOLVO L90G 3781 - FRONT AXLE



Sample No: VCP451317
Oil Type: VOLVO WB 102
Job No: 703135



SAMPLE INFORMATION

Sample Number	VCP451317	VCP432925	VCP399496	VCP364025
Sample Date	30 Apr 2024	08 Dec 2023	09 May 2023	11 Oct 2022
Machine Hours	11272	0	10350	9569
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	SEVERE	ABNORMAL

TRADEMARK METALS RECYCLING - DAYTONA-HOLLY HILL
 402 3RD ST
 HOLLY HILL, FL
 US 32117
 Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	55.1	45.7	41.3	39.9
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T: (386)255-1453
 F: (386)254-2874



CONTAMINATION

Water	%	NEG	0.358	0.301	NEG
Silicon	ppm	27	25	139	88
Sodium	ppm	<1	0	11	9
Potassium	ppm	2	0	1	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	110	77	1071	623
Copper	ppm	<1	<1	6	6
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	1	0
Aluminum	ppm	3	2	9	5
Chromium	ppm	1	<1	12	8
Molybdenum	ppm	10	4	2	2
Nickel	ppm	0	0	5	2
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	13	8
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	3608	3834	3531	3350
Magnesium	ppm	70	33	23	17
Zinc	ppm	1550	1556	1542	1369
Phosphorus	ppm	1419	1332	1259	1218
Barium	ppm	0	0	0	0
Boron	ppm	166	118	119	120

Depot: TRADAY
Unique No: 11006769
Signed: Wes Davis
Report Date: 02 May 2024



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GRAPHS

