



CONSTRUCTION EQUIPMENT

W0330039 IAA VOLVO L90G 3867 - FRONT AXLE



Sample No: VCP424792
Oil Type: VOLVO WB 102
Job No: W0330039 IAA



SAMPLE INFORMATION

Sample Number	VCP424792	VCP203714	VCP206845	VCP198311
Sample Date	02 Apr 2024	14 Nov 2017	05 May 2017	03 Aug 2016
Machine Hours	22347	10653	9221	7186
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ROMCO INC MAIN
 PO BOX 200210
 SAN ANTONIO, TX
 US 78220
 Contact: B MILLER
 BMILLER@ROMCO.COM
 T:
 F: (210)648-7712



OIL CONDITION

Visc @ 40°C	cSt	51.2	40.1	41.71	41.14
-------------	-----	-------------	------	-------	-------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	21	15	66
Sodium	ppm	2	2	4	4
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	17	56	18	26
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	1	0	2	<1
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	12	0	2	1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2680	4011	2746	3262
Magnesium	ppm	58	10	19	19
Zinc	ppm	1246	1621	1180	1430
Phosphorus	ppm	1113	1245	977	1176
Barium	ppm	<1	0	0	0
Boron	ppm	29	120	81	108

Depot: VOLV00170
Unique No: 10968199
Signed: Jonathan Hester
Report Date: 12 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

