



CONSTRUCTION EQUIPMENT

UPAP-ORLANDO 579902 VOLVO L90G 617406 - REAR AXLE



Sample No: VCP417698
Oil Type: VOLVO WB 102
Job No: 579902



SAMPLE INFORMATION

Sample Number	VCP417698	VCP356921	VCP356920	VCP336809
Sample Date	11 Jul 2023	28 Dec 2022	05 Jul 2022	15 Nov 2021
Machine Hours	14237	13731	13038	11712
Oil Hours	0	0	0	500
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.9	50.4	43.0	43.3
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CONTAMINATION

Silicon	ppm	15	14	13	12
Sodium	ppm	2	3	6	0
Potassium	ppm	<1	2	0	<1



WEAR METALS

Iron	ppm	33	61	49	33
Copper	ppm	4	6	6	5
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	<1	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	1	2	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4000	3977	4069	4222
Magnesium	ppm	28	30	32	27
Zinc	ppm	1669	1595	1521	1567
Phosphorus	ppm	1316	1276	1252	1339
Barium	ppm	0	0	0	0
Boron	ppm	127	127	143	136

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.

Depot: UPUORL
Unique No: 10560373
Signed: Wes Davis
Report Date: 17 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

