



CONSTRUCTION EQUIPMENT

A10772 IAA VOLVO L90G 617343 - REAR AXLE



Sample No: VCP416353
Oil Type: MOBIL WB 102
Job No: A10772 IAA



SAMPLE INFORMATION

Sample Number	VCP416353	VCP319984	VCP285556	VCP224080
Sample Date	28 Jul 2023	13 Aug 2021	17 Sep 2020	02 Aug 2018
Machine Hours	12075	9790	8775	5890
Oil Hours	2000	1000	2000	2000
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
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OIL CONDITION

Visc @ 40°C	cSt	40.1	40.5	41.3	45.16
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CONTAMINATION

Silicon	ppm	13	9	13	16
Sodium	ppm	10	8	4	2
Potassium	ppm	0	<1	0	0



WEAR METALS

Iron	ppm	41	22	38	73
Copper	ppm	2	<1	2	7
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	<1	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	1	1	3	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3768	4083	4034	3618
Magnesium	ppm	24	19	15	16
Zinc	ppm	1529	1531	1617	1498
Phosphorus	ppm	1246	1281	1348	1216
Barium	ppm	0	0	0	0
Boron	ppm	134	154	123	105

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: VOLVO8879
Unique No: 10601770
Signed: Wes Davis
Report Date: 11 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

