



CONSTRUCTION EQUIPMENT

SPM6060 VOLVO L120H 632860 - REAR AXLE



Sample No: VCP432771
Oil Type: VOLVO WB 102
Job No: SPM6060



SAMPLE INFORMATION

Sample Number	VCP432771	VCP424928	VCP397643	VCP375123
Sample Date	06 Sep 2023	06 Jun 2023	08 Feb 2023	16 Jul 2022
Machine Hours	5768	4936	4349	3246
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
 michael.beebe@ocfl.net
 T: (407)836-6652
 F: (407)836-6650



OIL CONDITION

Visc @ 40°C	cSt	46.5	43.7	40.9	42.9
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CONTAMINATION

Silicon	ppm	46	43	14	15
Sodium	ppm	3	<1	7	8
Potassium	ppm	0	2	0	0



WEAR METALS

Iron	ppm	590	424	107	88
Copper	ppm	<1	1	1	1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	5	3	1	2
Chromium	ppm	5	3	2	2
Molybdenum	ppm	18	15	4	4
Nickel	ppm	3	2	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	10	8	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4140	4133	3756	4077
Magnesium	ppm	23	16	23	24
Zinc	ppm	1644	1668	1550	1647
Phosphorus	ppm	1360	1295	1181	1277
Barium	ppm	0	0	0	0
Boron	ppm	119	126	127	134

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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: ORAORL
Unique No: 10647697
Signed: Don Baldrige
Report Date: 19 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

