



CONSTRUCTION EQUIPMENT

567478 MOSAIC VOLVO L110H 12152 - REAR AXLE



Sample No: VCP422669
Oil Type: VOLVO WB 102
Job No: 567478 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP422669	VCP354552	VCP319325	VCP291309
Sample Date	27 Jun 2023	17 Jun 2022	30 Sep 2021	30 Nov 2020
Machine Hours	5254	3496	2308	1057
Oil Hours	1000	1000	1500	1057
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	45.5	188	39.9	39.2
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CONTAMINATION

Silicon	ppm	13	3	7	10
Sodium	ppm	<1	<1	6	7
Potassium	ppm	0	1	0	2



WEAR METALS

Iron	ppm	113	87	126	264
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	1
Chromium	ppm	2	1	2	5
Molybdenum	ppm	6	4	5	11
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	2	3	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3525	800	1315	4170
Magnesium	ppm	19	20	5	9
Zinc	ppm	1507	375	681	1554
Phosphorus	ppm	1267	997	220	1339
Barium	ppm	0	2	0	0
Boron	ppm	88	152	46	127

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: VOLVO0093
Unique No: 10574675
Signed: Wes Davis
Report Date: 27 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

