



CONSTRUCTION EQUIPMENT

674462 MOSAIC VOLVO L110H 12152 - REAR AXLE



Sample No: VCP417064
Oil Type: VOLVO WB 102
Job No: 674462 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP417064	VCP422669	VCP354552	VCP319325
Sample Date	16 Feb 2024	27 Jun 2023	17 Jun 2022	30 Sep 2021
Machine Hours	6265	5254	3496	2308
Oil Hours	2000	1000	1000	1500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	45.5	45.5	188	39.9
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CONTAMINATION

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



WEAR METALS

Iron	ppm	114	113	87	126
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	<1	<1
Chromium	ppm	2	2	1	2
Molybdenum	ppm	5	6	4	5
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2901	3525	800	1315
Magnesium	ppm	14	19	20	5
Zinc	ppm	1195	1507	375	681
Phosphorus	ppm	1075	1267	997	220
Barium	ppm	0	0	2	0
Boron	ppm	74	88	152	46

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: 10896977
Signed: Wes Davis
Report Date: 26 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

