



CONSTRUCTION EQUIPMENT

717084 MOSAIC VOLVO L260H 1296 - TRANSMISSION (AUTO)



Sample No: VCP451347
Oil Type: VOLVO AT 102
Job No: 717084 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP451347	VCP437941	VCP431785	VCP393725
Sample Date	30 May 2024	06 Mar 2024	29 Nov 2023	22 Aug 2023
Machine Hours	4826	4211	3650	2943
Oil Hours	500	4211	3650	900
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 john.fardella@altg.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	28.5	27.2	30.6	27.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	8	9	8
Sodium	ppm	<1	5	0	3
Potassium	ppm	2	8	10	9

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	22	93	109	89
Copper	ppm	2	11	13	11
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	3	2	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	6	6	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	78	75	74
Magnesium	ppm	1	2	0	1
Zinc	ppm	16	27	0	27
Phosphorus	ppm	186	113	237	178
Barium	ppm	<1	0	5	0
Boron	ppm	91	55	61	62

Depot: VOLVO0093
Unique No: 11088063
Signed: Sean Felton
Report Date: 21 Jun 2024



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VOLVO GRAPHS

