



CONSTRUCTION EQUIPMENT

A11498 VOLVO L120H 632331 - REAR AXLE



Sample No: VCP434154
Oil Type: MOBIL WB 102
Job No: A11498



SAMPLE INFORMATION

Sample Number	VCP434154	VCP416827	VCP416385	VCP406370
Sample Date	05 Dec 2023	28 Aug 2023	14 Jun 2023	03 Apr 2023
Machine Hours	12000	11470	10995	10495
Oil Hours	2000	500	1000	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	40.7	179	41.4	40.5
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CONTAMINATION

Water	%	NEG	0.283	NEG	NEG
Silicon	ppm	11	12	13	14
Sodium	ppm	7	<1	6	8
Potassium	ppm	0	2	2	0

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.



WEAR METALS

Iron	ppm	43	415	49	60
Copper	ppm	<1	7	<1	0
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	2	<1	<1
Molybdenum	ppm	2	0	2	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	5	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3110	7	3741	3736
Magnesium	ppm	3	0	18	23
Zinc	ppm	1311	28	1498	1477
Phosphorus	ppm	1055	398	1225	1179
Barium	ppm	0	0	2	0
Boron	ppm	113	2	126	126

Depot: WASTEL
Unique No: 10796065
Signed: Jonathan Hester
Report Date: 22 Dec 2023



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GRAPHS

