



CONSTRUCTION EQUIPMENT

A10854 VOLVO L120H 632331 - FRONT AXLE



Sample No: VCP421855
Oil Type: MOBIL WB 102
Job No: A10854



SAMPLE INFORMATION

Sample Number	VCP421855	VCP418605	VCP406360	VCP386465
Sample Date	28 Aug 2023	14 Jun 2023	03 Apr 2023	10 Jan 2023
Machine Hours	11470	10995	10495	10007
Oil Hours	500	1000	0	3000
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	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	41.2	41.1	42.7	41.2
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CONTAMINATION

Silicon	ppm	9	14	14	12
Sodium	ppm	8	6	8	9
Potassium	ppm	1	2	0	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	25	61	55	51
Copper	ppm	<1	<1	0	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	1	<1	1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3266	3760	3658	3800
Magnesium	ppm	12	18	23	23
Zinc	ppm	1431	1486	1476	1441
Phosphorus	ppm	1183	1210	1176	1156
Barium	ppm	0	2	0	0
Boron	ppm	119	125	123	113

Depot: WASTEL
Unique No: 10648990
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

