



CONSTRUCTION EQUIPMENT

A12083 VOLVO L120H 632331 - REAR AXLE



Sample No: VCP440361
Oil Type: MOBIL WB 102
Job No: A12083



SAMPLE INFORMATION

Sample Number	VCP440361	VCP434154	VCP416827	VCP416385
Sample Date	20 Feb 2024	05 Dec 2023	28 Aug 2023	14 Jun 2023
Machine Hours	12465	12000	11470	10995
Oil Hours	500	2000	500	1000
Oil Changed	Not Changd	Changed	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	42.3	40.7	179	41.4
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CONTAMINATION

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

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	15	43	415	49
Copper	ppm	0	<1	7	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	1
Chromium	ppm	<1	<1	2	<1
Molybdenum	ppm	6	2	0	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	5	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3649	3110	7	3741
Magnesium	ppm	71	3	0	18
Zinc	ppm	1533	1311	28	1498
Phosphorus	ppm	1133	1055	398	1225
Barium	ppm	0	0	0	2
Boron	ppm	111	113	2	126

Depot: WASTEL
Unique No: 10901587
Signed: Wes Davis
Report Date: 29 Feb 2024



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GRAPHS

