



CONSTRUCTION EQUIPMENT

A10854 VOLVO L120H 632331 - REAR AXLE



Sample No: VCP416827
Oil Type: MOBIL WB 102
Job No: A10854



SAMPLE INFORMATION

Sample Number	VCP416827	VCP416385	VCP406370	VCP386457
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	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
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OIL CONDITION

Visc @ 40°C	cSt	▲ 179	■ 41.4	■ 40.5	■ 41.7
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CONTAMINATION

Water	%	▲ 0.283	---	---	---
Silicon	ppm	■ 12	■ 13	■ 14	■ 12
Sodium	ppm	■ <1	■ 6	■ 8	■ 9
Potassium	ppm	■ 2	■ 2	■ 0	■ 0



WEAR METALS

Iron	ppm	■ 415	■ 49	■ 60	■ 46
Copper	ppm	■ 7	■ <1	■ 0	■ <1
Lead	ppm	■ 0	■ 0	■ 0	■ <1
Tin	ppm	■ 0	■ 0	■ 0	■ <1
Aluminum	ppm	■ <1	■ 1	■ <1	■ <1
Chromium	ppm	■ 2	■ <1	■ <1	■ <1
Molybdenum	ppm	0	■ 2	■ 1	2
Nickel	ppm	■ 0	■ 0	■ 0	■ <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	■ <1	■ 1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	▲ 7	■ 3741	■ 3736	3681
Magnesium	ppm	0	■ 18	■ 23	21
Zinc	ppm	▲ 28	■ 1498	■ 1477	1378
Phosphorus	ppm	▲ 398	■ 1225	■ 1179	1156
Barium	ppm	0	■ 2	■ 0	0
Boron	ppm	▲ 2	■ 126	■ 126	113

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: WASTEL
Unique No: 10648995
Signed: Sean Felton
Report Date: 19 Sep 2023



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VOLVO GRAPHS

