



CONSTRUCTION EQUIPMENT

A12387 VOLVO L120H 632707 - REAR AXLE



Sample No: VCP440343
Oil Type: MOBIL WB 102
Job No: A12387



SAMPLE INFORMATION

Sample Number	VCP440343	VCP416442	VCP363731	VCP348611
Sample Date	05 Apr 2024	04 Aug 2023	09 Sep 2022	25 Jan 2022
Machine Hours	4750	4040	3445	2840
Oil Hours	2000	0	1000	500
Oil Changed	Changed	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	42.3	42.0	41.9	42.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	24	10	12
Sodium	ppm	10	12	9	9
Potassium	ppm	0	<1	0	1

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	82	130	56	38
Copper	ppm	<1	<1	0	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	<1	2	2	1
Chromium	ppm	1	3	<1	<1
Molybdenum	ppm	0	1	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	4	2	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	4001	3896	3778	3725
Magnesium	ppm	20	23	18	18
Zinc	ppm	1669	1527	1475	1390
Phosphorus	ppm	1386	1241	1240	1237
Barium	ppm	0	0	0	0
Boron	ppm	123	142	144	140

Depot: JAAPHI
Unique No: 10969475
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

