



CONSTRUCTION EQUIPMENT

730588 VOLVO L350H 1133 - CORE - REAR AXLE



Sample No: VCP447730
Oil Type: VOLVO WB 102
Job No: 730588



SAMPLE INFORMATION

Sample Number	VCP447730	VCP414123	VCP386825	VCP312750
Sample Date	26 Jun 2024	14 Jun 2023	15 Jun 2022	08 Dec 2021
Machine Hours	14441	14011	11032	7067
Oil Hours	4000	2000	2000	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.2	42.4	43.6	43.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	12	10	9
Sodium	ppm	4	1	5	5
Potassium	ppm	<1	<1	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	239	25	13	3
Copper	ppm	1	<1	1	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	1	1	<1
Chromium	ppm	2	<1	<1	<1
Molybdenum	ppm	2	2	9	8
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	3	1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4316	3403	3549	3900
Magnesium	ppm	28	32	42	64
Zinc	ppm	1694	1467	1543	1589
Phosphorus	ppm	1445	1246	1185	1290
Barium	ppm	0	0	0	0
Boron	ppm	137	49	145	137

Depot: VOLVO2990
Unique No: 11114035
Signed: Wes Davis
Report Date: 10 Jul 2024



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GRAPHS

