



CONSTRUCTION EQUIPMENT

338335 16-8008 - FRONT AXLE



Sample No: VCP394557
Oil Type: VOLVO WB 102
Job No: 338335



SAMPLE INFORMATION

Sample Number	VCP394557	VCP394716	VCP353066	VCP332668
Sample Date	19 Dec 2023	15 Jul 2023	20 Nov 2022	30 Jun 2022
Machine Hours	11006	10000	9077	8218
Oil Hours	3000	2000	1000	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CRH CANADA GROUP INC.

P.O. BOX 5400
 CONCORD, ON
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 Contact: Dan Brown
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OIL CONDITION

Visc @ 40°C	cSt	47.0	40.8	42.5	39.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	10	11	7
Sodium	ppm	3	3	3	1
Potassium	ppm	3	<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	32	28	25	32
Copper	ppm	2	2	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3167	3485	3973	3295
Magnesium	ppm	12	13	14	7
Zinc	ppm	1330	1451	1583	1410
Phosphorus	ppm	1111	1267	1344	1221
Barium	ppm	0	0	0	0
Boron	ppm	90	102	112	94

Depot: HOLCON
Unique No: 5707105
Signed: Wes Davis
Report Date: 02 Jan 2024



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VOLVO GRAPHS

