



CONSTRUCTION EQUIPMENT

371812 16-8008 - FRONT AXLE



Sample No: VCP394716
Oil Type: VOLVO WB 102
Job No: 371812



SAMPLE INFORMATION

Sample Number	VCP394716	VCP353066	VCP332668	VCP240958
Sample Date	15 Jul 2023	20 Nov 2022	30 Jun 2022	09 Aug 2019
Machine Hours	10000	9077	8218	4100
Oil Hours	2000	1000	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CRH CANADA GROUP INC.

P.O. BOX 5400
 CONCORD, ON
 CA L4K 1B6
 Contact: Dan Brown
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	40.8	42.5	39.4	53.2
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CONTAMINATION

Silicon	ppm	10	11	7	12
Sodium	ppm	3	3	1	0
Potassium	ppm	<1	0	1	<1



WEAR METALS

Iron	ppm	28	25	32	148
Copper	ppm	2	<1	<1	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	3
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3485	3973	3295	4010
Magnesium	ppm	13	14	7	12
Zinc	ppm	1451	1583	1410	1618
Phosphorus	ppm	1267	1344	1221	1295
Barium	ppm	0	0	0	0
Boron	ppm	102	112	94	116

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.

Depot: HOLCON
Unique No: 5616345
Signed: Wes Davis
Report Date: 20 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

