



CONSTRUCTION EQUIPMENT

380669 16-8002 - FRONT AXLE



Sample No: VCP429739
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 380669



SAMPLE INFORMATION

Sample Number	VCP429739	VCP394901	VCP352650	VCP273931
Sample Date	06 Oct 2023	21 May 2023	25 Sep 2022	24 May 2021
Machine Hours	18004	16959	16000	14146
Oil Hours	2000	1000	2000	2000
Oil Changed	Changed	Not Changd	Changed	Not Changd
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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OIL CONDITION

Visc @ 40°C	cSt	42.6	42.6	39.4	39.8
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CONTAMINATION

Silicon	ppm	13	15	11	18
Sodium	ppm	1	<1	9	6
Potassium	ppm	<1	0	<1	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	56	34	47	75
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	2	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	<1	1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4147	4501	4105	4050
Magnesium	ppm	17	17	14	14
Zinc	ppm	1638	1721	1580	1685
Phosphorus	ppm	1334	1491	1377	1341
Barium	ppm	<1	0	0	0
Boron	ppm	120	121	116	117

Depot: HOLCON
Unique No: 5657798
Signed: Wes Davis
Report Date: 12 Oct 2023



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VOLVO GRAPHS

