



CONSTRUCTION EQUIPMENT

376822 17-7049 - BOGIE/CENTER AXLE



Sample No: VCP429988
Oil Type: PETRO CANADA TRAXON 80W90
Job No: 376822



SAMPLE INFORMATION

Sample Number	VCP429988	VCP251341	VCP221536	VCF423924
Sample Date	14 Sep 2023	02 Sep 2020	28 Aug 2018	06 Jul 2011
Machine Hours	18113	14265	11800	4108
Oil Hours	0	0	0	2181
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	SEVERE	NORMAL

CRH CANADA GROUP INC.
P.O. BOX 5400
CONCORD, ON
CA L4K 1B6
Contact: Dan Brown
dan.brown@ca.crh.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	116	135	134	134
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CONTAMINATION

Silicon	ppm	19	21	103	15
Sodium	ppm	34	<1	3	0
Potassium	ppm	2	2	10	2



WEAR METALS

Iron	ppm	357	126	247	129
Copper	ppm	44	8	15	15
Lead	ppm	1	<1	<1	<1
Tin	ppm	2	<1	<1	0
Aluminum	ppm	3	3	27	2
Chromium	ppm	3	<1	2	2
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	4	<1	2	2
Titanium	ppm	<1	<1	2	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	3	1	3	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	78	66	248	7
Magnesium	ppm	30	8	54	2
Zinc	ppm	26	9	8	9
Phosphorus	ppm	2284	1008	1028	998
Barium	ppm	<1	0	<1	0
Boron	ppm	103	167	174	267

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: HOLCON
Unique No: 5644326
Signed: Wes Davis
Report Date: 18 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

