



CONSTRUCTION EQUIPMENT

376822 17-7049 - REAR AXLE



Sample No: VCP429959
Oil Type: PETRO CANADA TRAXON 80W90
Job No: 376822



SAMPLE INFORMATION

Sample Number	VCP429959	VCP251156	VCP221529	VCF423925
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	Changed	Changed
Sample Status	NORMAL	ATTENTION	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	83.8	139	136	134
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CONTAMINATION

Silicon	ppm	13	66	109	13
Sodium	ppm	3	4	4	0
Potassium	ppm	1	6	9	2



WEAR METALS

Iron	ppm	175	299	315	83
Copper	ppm	9	17	25	6
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	3	14	28	1
Chromium	ppm	1	2	2	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	1	2	2	<1
Titanium	ppm	<1	1	2	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	3	2
Vanadium	ppm	0	<1	<1	0



ADDITIVES

Calcium	ppm	144	847	289	19
Magnesium	ppm	11	37	49	2
Zinc	ppm	47	241	10	16
Phosphorus	ppm	1721	945	1021	985
Barium	ppm	0	<1	<1	0
Boron	ppm	129	121	165	252

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: 5644324
Signed: Wes Davis
Report Date: 18 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

