



CONSTRUCTION EQUIPMENT

367108 27-4551 - RIGHT SWING DRIVE



Sample No: VCP394978
Oil Type: GEAR OIL SAE 80W90
Job No: 367108



SAMPLE INFORMATION

Sample Number	VCP394978	VCP224344	VCP280655	VCP246908
Sample Date	17 Jun 2023	08 Jun 2022	04 Feb 2021	30 Sep 2019
Machine Hours	8024	6035	3965	2134
Oil Hours	4000	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	ABNORMAL

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	131	61.7	144	189
-------------	-----	------------	------	-----	-----

CONTAMINATION

Water	%	0.261	---	0.206	0.487
Silicon	ppm	6	19	9	15
Sodium	ppm	<1	2	1	0
Potassium	ppm	<1	<1	<1	1

WEAR METALS

PQ		---	0	---	---
Iron	ppm	167	2366	842	837
Copper	ppm	13	247	41	25
Lead	ppm	<1	8	2	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	4	1	2
Chromium	ppm	2	19	8	9
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	4	18	7	10
Vanadium	ppm	0	<1	<1	<1

ADDITIVES

Calcium	ppm	182	9	14	15
Magnesium	ppm	5	3	<1	2
Zinc	ppm	106	127	44	37
Phosphorus	ppm	1066	1955	913	392
Barium	ppm	0	0	0	1
Boron	ppm	125	159	57	2

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: HOLCON
Unique No: 5604062
Signed: Kevin Marson
Report Date: 29 Jun 2023



CONSTRUCTION EQUIPMENT



GRAPHS

