



CONSTRUCTION EQUIPMENT

X21386 CRH VOLVO L220H 2898 - REAR AXLE



Sample No: VCP409927
Oil Type: VOLVO WB 102
Job No: X21386 CRH



SAMPLE INFORMATION

Sample Number	VCP409927	VCP404654	VCP405875	VCP385028
Sample Date	26 Oct 2023	24 Aug 2023	31 May 2023	20 Oct 2022
Machine Hours	6315	6028	5556	4994
Oil Hours	0	2000	500	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOUSBY HEAVY EQUIPMENT

PO BOX 1846
 CEDAR RAPIDS, IA
 US 52406

Contact: KEN MAIER
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OIL CONDITION

Visc @ 40°C	cSt	42.1	42.2	44.3	41.8
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CONTAMINATION

Silicon	ppm	23	10	18	9
Sodium	ppm	10	4	2	5
Potassium	ppm	2	2	2	0



WEAR METALS

Iron	ppm	104	28	18	31
Copper	ppm	6	4	0	4
Lead	ppm	1	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	4	2	2	1
Chromium	ppm	3	<1	<1	<1
Molybdenum	ppm	4	4	2	4
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	2	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4015	3755	4121	3809
Magnesium	ppm	45	22	34	22
Zinc	ppm	1657	1571	1673	1525
Phosphorus	ppm	1344	1300	1299	1255
Barium	ppm	0	2	0	0
Boron	ppm	128	138	125	125

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: VOLVO0074
Unique No: 10723061
Signed: Wes Davis
Report Date: 01 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

