



CONSTRUCTION EQUIPMENT

A10858 VOLVO L220H 2992 - REAR AXLE



Sample No: VCP421710
Oil Type: MOBIL WB 102
Job No: A10858



SAMPLE INFORMATION

Sample Number	VCP421710	VCP421961	VCP342651	VCP374838
Sample Date	10 Aug 2023	04 May 2023	30 Jan 2023	29 Jul 2022
Machine Hours	14860	13949	13050	11390
Oil Hours	1000	0	2000	1000
Oil Changed	Not Changd	N/A	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

WHEELABRATOR
 1201 NEW FORD MILL RD
 MORRISVILLE, PA
 US 19067
 Contact: FRANK BOLTON
 fbolton@wtienergy.com
 T: (215)428-7915
 F:

OIL CONDITION

Visc @ 40°C	cSt	45.9	47.5	42.0	42.0
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CONTAMINATION

Silicon	ppm	10	9	11	12
Sodium	ppm	<1	2	10	7
Potassium	ppm	0	4	<1	3

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	38	23	176	160
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	<1	2	2
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	6	7	16	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	<1	<1	0

ADDITIVES

Calcium	ppm	3563	3777	3812	3744
Magnesium	ppm	51	61	19	16
Zinc	ppm	1463	1600	1538	1480
Phosphorus	ppm	1177	1258	1230	1208
Barium	ppm	0	0	0	2
Boron	ppm	112	118	129	145

Depot: WHEMOR
Unique No: 10618269
Signed: Sean Felton
Report Date: 25 Aug 2023



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VOLVO GRAPHS

