



CONSTRUCTION EQUIPMENT

A12537 VOLVO L220H 2992 - REAR AXLE



Sample No: VCP439386
Oil Type: MOBIL WB 102
Job No: A12537



SAMPLE INFORMATION

Sample Number	VCP439386	VCP442534	VCP421710	VCP421961
Sample Date	01 May 2024	08 Jan 2024	10 Aug 2023	04 May 2023
Machine Hours	17275	16170	14860	13949
Oil Hours	1000	2000	1000	0
Oil Changed	Not Changd	Changed	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

WHEELABRATOR
 1201 NEW FORD MILL RD
 MORRISVILLE, PA
 US 19067
 Contact: PERRY ARBURG
 palburg@win-waste.com
 T: (215)428-7915
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.0	45.7	45.9	47.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	11	10	9
Sodium	ppm	0	2	<1	2
Potassium	ppm	2	1	0	4

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	23	57	38	23
Copper	ppm	<1	0	0	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	<1	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	7	8	6	7
Nickel	ppm	<1	0	0	0
Titanium	ppm	1	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	3303	3624	3563	3777
Magnesium	ppm	78	55	51	61
Zinc	ppm	1427	1584	1463	1600
Phosphorus	ppm	1313	1334	1177	1258
Barium	ppm	0	0	0	0
Boron	ppm	111	114	112	118

Depot: WHEMOR
Unique No: 11033079
Signed: Wes Davis
Report Date: 17 May 2024



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GRAPHS

