



CONSTRUCTION EQUIPMENT

A12537 VOLVO L220H 2992 - FRONT AXLE



Sample No: VCP446446
Oil Type: MOBIL WB 102
Job No: A12537



SAMPLE INFORMATION

Sample Number	VCP446446	VCP442546	VCP413723	VCP421957
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 Chngd	Changed	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	45.0	45.2	45.6	46.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	10	10	9
Sodium	ppm	0	1	<1	2
Potassium	ppm	3	1	0	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	27	52	34	22
Copper	ppm	1	<1	<1	<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	3	3	5
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	4070	3146	3412	3651
Magnesium	ppm	99	47	49	58
Zinc	ppm	1772	1418	1429	1570
Phosphorus	ppm	1581	1197	1140	1245
Barium	ppm	0	0	0	0
Boron	ppm	136	98	106	117

Depot: WHEMOR
Unique No: 11033065
Signed: Wes Davis
Report Date: 17 May 2024



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VOLVO GRAPHS

