



CONSTRUCTION EQUIPMENT

A11843 VOLVO L220H 2992 - REAR AXLE



Sample No: VCP442534
Oil Type: MOBIL WB 102
Job No: A11843



SAMPLE INFORMATION

Sample Number	VCP442534	VCP421710	VCP421961	VCP342651
Sample Date	08 Jan 2024	10 Aug 2023	04 May 2023	30 Jan 2023
Machine Hours	16170	14860	13949	13050
Oil Hours	2000	1000	0	2000
Oil Changed	Changed	Not Chngd	N/A	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	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	45.7	45.9	47.5	42.0
-------------	-----	-------------	------	------	------



CONTAMINATION

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

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	57	38	23	176
Copper	ppm	0	0	<1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	<1	2	<1	2
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	8	6	7	16
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	3624	3563	3777	3812
Magnesium	ppm	55	51	61	19
Zinc	ppm	1584	1463	1600	1538
Phosphorus	ppm	1334	1177	1258	1230
Barium	ppm	0	0	0	0
Boron	ppm	114	112	118	129

Depot: WHEMOR
Unique No: 10836566
Signed: Wes Davis
Report Date: 19 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

