



CONSTRUCTION EQUIPMENT

SWA572466-10 VOLVO L120H 632789 - REAR AXLE



Sample No: VCP432315
Oil Type: VOLVO WB 102
Job No: SWA572466-10



DUFFY LAYTON
 12 HUNNS LAKE RD
 STANFORDVILLE, NY
 US 12581
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	VCP432315	VCP376117	VCP346894	VCP332058
Sample Date	30 May 2024	26 Oct 2022	04 May 2022	14 Jan 2022
Machine Hours	7044	4122	3072	2502
Oil Hours	1000	2000	600	2502
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	43.0	42.9	42.5	42.6
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	15	13	8
Sodium	ppm	0	5	9	10
Potassium	ppm	1	2	0	0

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	26	131	33	66
Copper	ppm	<1	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	<1	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	2	1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3888	4233	4208	3346
Magnesium	ppm	22	15	17	10
Zinc	ppm	1614	1687	1624	1430
Phosphorus	ppm	1314	1317	1346	1238
Barium	ppm	0	0	0	1
Boron	ppm	156	125	135	130

Depot: DUFSTA
Unique No: 11072499
Signed: Wes Davis
Report Date: 12 Jun 2024



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VOLVO GRAPHS

