



CONSTRUCTION EQUIPMENT

SWA572466-10 VOLVO L120H 632789 - FRONT AXLE



Sample No: VCP432314
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	VCP432314	VCP376119	VCP346893	VCP332059
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	42.5	44.7	42.5	41.6
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	14	12	8
Sodium	ppm	<1	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	20	63	32	60
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	<1	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	4325	4298	4092	3543
Magnesium	ppm	25	15	16	10
Zinc	ppm	1796	1698	1580	1479
Phosphorus	ppm	1433	1321	1298	1247
Barium	ppm	0	0	0	1
Boron	ppm	174	127	130	143

Depot: DUFSTA
Unique No: 11072498
Signed: Wes Davis
Report Date: 12 Jun 2024



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VOLVO GRAPHS

