



CONSTRUCTION EQUIPMENT

VOLVO L120H 632105 - FRONT AXLE



Sample No: VCP444340
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP444340	VCP393543	VCP385131	VCP354028
Sample Date	24 Apr 2024	07 Jun 2023	14 Nov 2022	23 Jun 2022
Machine Hours	19559	18030	16686	1020
Oil Hours	0	8000	8000	1500
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	SEVERE	SEVERE	NORMAL

OLDCASTLE LAWN AND GARDEN
 2427 RWS RANCH RD
 DAVENPORT, FL
 US 33837
 Contact: DAVID ORTIZ
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 F: (863)421-1776



OIL CONDITION

Visc @ 40°C	cSt	43.5	35.6	35.8	39.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	41	39	12
Sodium	ppm	2	0	5	10
Potassium	ppm	1	3	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	18	2116	1518	221
Copper	ppm	4	6	5	<1
Lead	ppm	<1	<1	1	<1
Tin	ppm	<1	0	2	<1
Aluminum	ppm	1	17	16	2
Chromium	ppm	<1	23	18	5
Molybdenum	ppm	<1	4	3	11
Nickel	ppm	0	19	13	<1
Titanium	ppm	0	2	2	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	24	17	10
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	4049	3805	3530	3807
Magnesium	ppm	15	21	25	12
Zinc	ppm	1598	1505	1381	1531
Phosphorus	ppm	1310	1228	1070	1215
Barium	ppm	<1	0	0	0
Boron	ppm	133	131	116	142

Depot: GREDAVFL
Unique No: 11057917
Signed: Wes Davis
Report Date: 31 May 2024



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GRAPHS

