



CONSTRUCTION EQUIPMENT

W14529 VOLVO L110H 632072 - FRONT AXLE



Sample No: VCP406906
Oil Type: VOLVO WB 102
Job No: W14529



SAMPLE INFORMATION

Sample Number	VCP406906	VCP426787	VCP382884	VCP3842364
Sample Date	07 Aug 2023	02 May 2023	10 Feb 2023	08 Nov 2022
Machine Hours	4539	4013	3531	3030
Oil Hours	500	2000	500	1000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.4	39.3	40.4	40.8
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CONTAMINATION

Silicon	ppm	13	19	19	18
Sodium	ppm	2	9	8	11
Potassium	ppm	0	3	3	0



WEAR METALS

Iron	ppm	124	702	657	597
Copper	ppm	<1	2	2	2
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	2	2
Chromium	ppm	2	12	12	9
Molybdenum	ppm	5	16	15	17
Nickel	ppm	<1	3	3	4
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	21	20	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3460	4108	4048	3872
Magnesium	ppm	32	14	14	19
Zinc	ppm	1434	1635	1590	1544
Phosphorus	ppm	1131	1383	1334	1304
Barium	ppm	0	0	0	0
Boron	ppm	123	150	131	116

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0080
Unique No: 10604477
Signed: Sean Felton
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

