



CONSTRUCTION EQUIPMENT

A12387 VOLVO L120H 632707 - FRONT AXLE



Sample No: VCP446072
Oil Type: MOBIL WB 102
Job No: A12387



SAMPLE INFORMATION

Sample Number	VCP446072	VCP416443	VCP364093	VCP348520
Sample Date	05 Apr 2024	04 Aug 2023	09 Sep 2022	25 Jan 2022
Machine Hours	4750	4040	3445	2840
Oil Hours	2000	0	1000	500
Oil Changed	Changed	N/A	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	41.8	42.1	50.6	42.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	61	11	12
Sodium	ppm	10	13	12	9
Potassium	ppm	0	3	0	11

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	124	193	87	52
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	1	7	2	1
Chromium	ppm	2	3	2	1
Molybdenum	ppm	0	1	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	3	4	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	4192	3836	3836	3863
Magnesium	ppm	19	24	19	19
Zinc	ppm	1697	1532	1493	1459
Phosphorus	ppm	1388	1243	1245	1274
Barium	ppm	0	0	0	0
Boron	ppm	128	141	151	144

Depot: JAAPHI
Unique No: 10969471
Signed: Wes Davis
Report Date: 11 Apr 2024



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VOLVO GRAPHS

