



CONSTRUCTION EQUIPMENT

VOLVO A45G 325973 (S/N 352973) - BRAKE



Sample No: VCP454886
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP454886	VCP442559	VCP433867	VCP426208
Sample Date	25 Jun 2024	07 Mar 2024	08 Nov 2023	24 Aug 2023
Machine Hours	4536	4034	3521	3044
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.6	40.6	40.4	40.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	18	18	17
Sodium	ppm	7	10	11	7
Potassium	ppm	1	0	<1	2

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	22	35	22	21
Copper	ppm	137	264	246	241
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	4	0	0	0
Nickel	ppm	2	4	4	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3476	3543	3318	3410
Magnesium	ppm	40	15	10	5
Zinc	ppm	1504	1525	1454	1441
Phosphorus	ppm	1320	1348	1316	1243
Barium	ppm	0	0	0	0
Boron	ppm	109	125	113	117

Depot: SAIBIR
Unique No: 11114021
Signed: Don Baldrige
Report Date: 10 Jul 2024



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VOLVO GRAPHS

