



CONSTRUCTION EQUIPMENT

SWO-071488 VOLVO A60 340124 - TANK BRAKE



Sample No: VCP455486
Oil Type: {unknown}
Job No: SWO-071488



SAMPLE INFORMATION

Sample Number	VCP455486	VCP431061	VCP423803	VCP402390
Sample Date	25 Apr 2024	06 Nov 2023	15 Jun 2023	04 Mar 2023
Machine Hours	9238	8770	2220	7828
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.7	46.8	47.7	44.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	16	16	16
Sodium	ppm	4	4	1	7
Potassium	ppm	0	0	2	<1

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	35	34	33	47
Copper	ppm	110	109	102	155
Lead	ppm	2	0	<1	3
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	2	1	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	4	3	5	<1
Nickel	ppm	<1	2	2	3
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3383	3268	3492	3416
Magnesium	ppm	39	39	37	19
Zinc	ppm	1318	1312	1366	1310
Phosphorus	ppm	1177	1057	1181	1119
Barium	ppm	0	0	2	0
Boron	ppm	99	108	111	101

Depot: SAIBIR
Unique No: 11005576
Signed: Jonathan Hester
Report Date: 03 May 2024



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GRAPHS

