



CONSTRUCTION EQUIPMENT

SWO-069193 VOLVO A60 A60H 340102 - TANK BRAKE



Sample No: VCP446971
Oil Type: VOLVO WB 101
Job No: SWO-069193



SAMPLE INFORMATION

Sample Number	VCP446971	VCP431987	VCP414280	VCP419723
Sample Date	01 Feb 2024	28 Sep 2023	11 Jul 2023	30 Mar 2023
Machine Hours	9767	9302	8821	8292
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	51.6	46.5	43.0	46.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	33	28	26
Sodium	ppm	0	2	<1	<1
Potassium	ppm	2	0	<1	1



WEAR METALS

Iron	ppm	38	91	77	77
Copper	ppm	98	▲ 245	▲ 196	▲ 177
Lead	ppm	0	3	1	1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	6	5	4
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	4	3	3
Nickel	ppm	0	5	4	4
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	1	2	1
Vanadium	ppm	0	<1	<1	0



ADDITIVES

Calcium	ppm	3183	3729	3749	3557
Magnesium	ppm	44	37	35	31
Zinc	ppm	1220	987	1105	1213
Phosphorus	ppm	954	1137	1144	1136
Barium	ppm	5	0	0	0
Boron	ppm	103	133	104	122

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.

Depot: SAIBIR
Unique No: 10863753
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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GRAPHS

