



CONSTRUCTION EQUIPMENT

SWO-071489 VOLVO A60 A60H 340102 - TANK BRAKE



Sample No: VCP455463
Oil Type: VOLVO WB 101
Job No: SWO-071489



SAMPLE INFORMATION

Sample Number	VCP455463	VCP446971	VCP431987	VCP414280
Sample Date	25 Apr 2024	01 Feb 2024	28 Sep 2023	11 Jul 2023
Machine Hours	10205	9767	9302	8821
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	52.4	51.6	46.5	43.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	19	33	28
Sodium	ppm	3	0	2	<1
Potassium	ppm	0	2	0	<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	34	38	91	77
Copper	ppm	76	98	▲ 245	▲ 196
Lead	ppm	2	0	3	1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	2	6	5
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	5	2	4	3
Nickel	ppm	0	0	5	4
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	1	2
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	3458	3183	3729	3749
Magnesium	ppm	51	44	37	35
Zinc	ppm	1314	1220	987	1105
Phosphorus	ppm	1166	954	1137	1144
Barium	ppm	0	5	0	0
Boron	ppm	94	103	133	104

Depot: SAIBIR
Unique No: 11005565
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

