



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - TANK BRAKE



Sample No: VCP447626
Oil Type: VOLVO WB 101
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP447626	VCP429498	VCP432962	VCP413245
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	52.9	46.1	46.3	46.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	23	21	24	25
Sodium	ppm	3	6	6	3
Potassium	ppm	2	2	0	0



WEAR METALS

Iron	ppm	44	57	59	64
Copper	ppm	75	138	141	129
Lead	ppm	1	<1	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	3	3	3	4
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	8	2	2	4
Nickel	ppm	2	4	2	3
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3709	2900	2976	3624
Magnesium	ppm	48	29	41	35
Zinc	ppm	1414	1124	1107	1421
Phosphorus	ppm	1208	951	1035	1211
Barium	ppm	0	<1	0	0
Boron	ppm	130	84	81	101

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: 11036093
Signed: Sean Felton
Report Date: 22 May 2024

VOLVO GRAPHS

