



CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - TRANSMISSION



Sample No: VCP416369
Oil Type: NOT GIVEN
Job No: SWO-064541



SAMPLE INFORMATION

Sample Number	VCP416369	VCP424539	VCP393683	VCP364267
Sample Date	03 Aug 2023	28 Apr 2023	21 Dec 2022	31 Aug 2022
Machine Hours	6858	6390	5828	5303
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	MARGINAL	MARGINAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	81.8	85.0	80.3	83.8
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CONTAMINATION

Silicon	ppm	8	7	7	7
Sodium	ppm	0	0	3	0
Potassium	ppm	2	2	1	0



WEAR METALS

Iron	ppm	7	4	7	4
Copper	ppm	4	2	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	44	44	43	44
Nickel	ppm	1	0	1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	8	4	9	8
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1680	1674	1583	1532
Magnesium	ppm	508	503	570	546
Zinc	ppm	1044	1042	966	910
Phosphorus	ppm	921	917	834	767
Barium	ppm	0	0	0	0
Boron	ppm	85	78	61	78

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: 10589883
Signed: Don Baldrige
Report Date: 09 Aug 2023



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GRAPHS

