



CONSTRUCTION EQUIPMENT

SWO-06927 VOLVO A60H 350022 - TRANSMISSION



Sample No: VCP441041
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO-06927



SAMPLE INFORMATION

Sample Number	VCP441041	VCP405832	VCP402626	VCP388320
Sample Date	23 Jan 2024	27 Sep 2023	01 May 2023	29 Nov 2022
Machine Hours	7905	7399	6905	6420
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	81.5	84.3	82.2	83.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	8	8	9
Sodium	ppm	<1	2	3	3
Potassium	ppm	2	<1	0	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	4	6	6
Copper	ppm	3	2	4	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	2	2	3
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	40	40	39	43
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1564	1721	1622	1693
Magnesium	ppm	500	539	530	547
Zinc	ppm	1107	1185	1075	1144
Phosphorus	ppm	922	1010	929	962
Barium	ppm	0	0	0	0
Boron	ppm	81	84	73	83

Depot: SAIBIR
Unique No: 10850085
Signed: Don Baldrige
Report Date: 31 Jan 2024



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VOLVO GRAPHS

