



CONSTRUCTION EQUIPMENT

SWO073151 VOLVO A60H 350021 - TRANSMISSION



Sample No: VCP443919
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO073151



SAMPLE INFORMATION

Sample Number	VCP443919	VCP416169	VCP427449	VCP424639
Sample Date	26 Jun 2024	15 Feb 2024	25 Sep 2023	12 Jun 2023
Machine Hours	8427	7887	7398	6877
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	84.2	80.0	85.9	86.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	8	9	16
Sodium	ppm	0	2	2	<1
Potassium	ppm	2	2	0	2

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	4	5	3	6
Copper	ppm	3	2	2	2
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	2	4	2
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	50	61	40	44
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	3	5	7	6
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	1588	1232	1751	1686
Magnesium	ppm	491	451	531	496
Zinc	ppm	1042	849	1178	1059
Phosphorus	ppm	789	726	1006	937
Barium	ppm	0	1	0	2
Boron	ppm	98	94	84	83

Depot: SAIBIR
Unique No: 11114169
Signed: Jonathan Hester
Report Date: 10 Jul 2024



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VOLVO GRAPHS

