



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - TRANSMISSION



Sample No: VCP452727
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452727	VCP404637	VCP433464	VCP05842396
Sample Date	29 Apr 2024	11 Jan 2024	06 Sep 2023	08 May 2023
Machine Hours	3015	2513	2021	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	78.5	81.3	77.6	83.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	5	9	8
Sodium	ppm	3	5	8	3
Potassium	ppm	2	0	2	<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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	4	7	10
Copper	ppm	2	1	2	2
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	<1	0	5
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	43	44	36	37
Nickel	ppm	1	<1	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	7	2	<1	10
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	1456	1471	1650	1601
Magnesium	ppm	547	557	460	488
Zinc	ppm	1067	1053	1005	1042
Phosphorus	ppm	1043	949	898	975
Barium	ppm	0	0	0	0
Boron	ppm	86	65	87	77

Depot: SAIBIR
Unique No: 11009615
Signed: Jonathan Hester
Report Date: 08 May 2024



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VOLVO GRAPHS

