



CONSTRUCTION EQUIPMENT

SWO-071763 VOLVO A60H 340039 - TRANSMISSION



Sample No: VCP449653
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO-071763



SAMPLE INFORMATION

Sample Number	VCP449653	VCP442663	VCP431114	VCP410910
Sample Date	07 May 2024	18 Jan 2024	27 Sep 2023	20 Jun 2023
Machine Hours	9022	8521	8052	7542
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	84.5	88.6	82.0	84.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	4	5
Sodium	ppm	3	4	2	2
Potassium	ppm	1	<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	3	2	4	6
Copper	ppm	<1	<1	2	2
Lead	ppm	<1	<1	0	0
Tin	ppm	0	<1	0	<1
Aluminum	ppm	3	2	3	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	53	39	43	49
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	1	1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1693	1445	1459	1740
Magnesium	ppm	548	464	480	547
Zinc	ppm	1089	957	954	1124
Phosphorus	ppm	962	798	835	970
Barium	ppm	0	<1	0	0
Boron	ppm	133	81	96	123

Depot: SAIBIR
Unique No: 11022023
Signed: Sean Felton
Report Date: 14 May 2024



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VOLVO GRAPHS

