



CONSTRUCTION EQUIPMENT

SWO-0717661 VOLVO A60H 340099 - TRANSMISSION



Sample No: VCP453675
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO-0717661



SAMPLE INFORMATION

Sample Number	VCP453675	VCP429499	VCP431667	VCP412650
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	MARGINAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	81.8	86.6	76.3	79.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	10	7
Sodium	ppm	9	8	17	14
Potassium	ppm	2	2	3	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	10	4	13	10
Copper	ppm	7	4	14	10
Lead	ppm	0	0	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	2	3	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	43	36	37	37
Nickel	ppm	<1	1	2	1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	<1	<1
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	1853	1422	1517	1534
Magnesium	ppm	526	453	482	468
Zinc	ppm	1125	944	1076	1028
Phosphorus	ppm	1035	801	942	883
Barium	ppm	0	<1	0	0
Boron	ppm	97	72	71	83

Depot: SAIBIR
Unique No: 11036098
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

