



CONSTRUCTION EQUIPMENT

SWO-071762 VOLVO A60 340104 - TRANSMISSION



Sample No: VCP447613
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWO-071762



SAMPLE INFORMATION

Sample Number	VCP447613	VCP435634	VCP426206	VCP364033
Sample Date	15 May 2024	30 Nov 2023	24 Aug 2023	08 Nov 2022
Machine Hours	9718	9185	8689	7528
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	85.2	84.1	84.3	85.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	8	9	8
Sodium	ppm	4	5	0	0
Potassium	ppm	2	0	1	2

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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	5	6	7	8
Copper	ppm	3	4	3	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	2	2	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	45	38	39	43
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	5	12	10	14
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	1940	1730	1644	1775
Magnesium	ppm	531	489	459	462
Zinc	ppm	1160	1054	1031	1072
Phosphorus	ppm	1061	933	914	950
Barium	ppm	0	0	0	0
Boron	ppm	98	84	83	93

Depot: SAIBIR
Unique No: 11036099
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

