



CONSTRUCTION EQUIPMENT

W07014099-1 VOLVO A45G 342680 - DROP BOX



Sample No: VCP414788
Oil Type: MOBIL DELVAC 1 TRANSMISSION 75W80
Job No: W07014099-1



SAMPLE INFORMATION

Sample Number	VCP414788	VCP434800	VCP408217	VCP401296
Sample Date	09 Jan 2024	01 Sep 2023	11 Apr 2023	18 Jan 2023
Machine Hours	7451	7062	5363	5920
Oil Hours	0	500	500	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 GLEN ALLEN, VA
 US 23060
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OIL CONDITION

Visc @ 40°C	cSt	52.6	51.0	53.6	47.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	36	3	7
Sodium	ppm	0	3	2	<1
Potassium	ppm	0	1	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	121	453	19	302
Copper	ppm	5	16	<1	14
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	6	0	3
Chromium	ppm	<1	6	<1	2
Molybdenum	ppm	2	13	<1	4
Nickel	ppm	<1	3	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	7	<1	5
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	11	62	14	40
Magnesium	ppm	4	2	11	2
Zinc	ppm	33	63	11	52
Phosphorus	ppm	2219	2352	2600	1763
Barium	ppm	0	0	0	1
Boron	ppm	190	140	324	213

Depot: VOLVO8882
Unique No: 10832900
Signed: Wes Davis
Report Date: 17 Jan 2024



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GRAPHS

