



CONSTRUCTION EQUIPMENT

VOLVO A40G 353407 - TRANSMISSION (AUTO)



Sample No: VCP435798

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP435798	VCP341892	VCP312573	---
Sample Date	02 Apr 2024	14 Dec 2023	03 Oct 2023	---
Machine Hours	1644	997	504	---
Oil Hours	647	493	504	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.8	28.8	28.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	7	16	---
Sodium	ppm	2	1	<1	---
Potassium	ppm	2	<1	3	---

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	12	10	16	---
Copper	ppm	18	15	24	---
Lead	ppm	<1	0	0	---
Tin	ppm	2	2	2	---
Aluminum	ppm	8	6	5	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	3	2	3	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	97	81	81	---
Magnesium	ppm	5	2	1	---
Zinc	ppm	8	2	0	---
Phosphorus	ppm	247	186	171	---
Barium	ppm	0	0	0	---
Boron	ppm	111	101	92	---

Depot: SCHGRE
Unique No: 10990430
Signed: Jonathan Hester
Report Date: 24 Apr 2024



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GRAPHS

