



CONSTRUCTION EQUIPMENT

VOLVO A45G 353418 - TRANSMISSION (AUTO)



Sample No: VCP439010
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP439010	VCP433534	---	---
Sample Date	27 Jan 2024	20 Oct 2023	---	---
Machine Hours	1472	997	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	28.13	28.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	12	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	4	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	28	25	---	---
Copper	ppm	18	14	---	---
Lead	ppm	0	0	---	---
Tin	ppm	3	1	---	---
Aluminum	ppm	12	11	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	80	76	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	3	5	---	---
Phosphorus	ppm	173	151	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	82	86	---	---

Depot: VOLVO0090
Unique No: 10858296
Signed: Jonathan Hester
Report Date: 06 Feb 2024



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GRAPHS

