



CONSTRUCTION EQUIPMENT

4143HS MACMOL VOLVO A40D 12682 - TRANSMISSION (AUTO)



Sample No: VCP421985
Oil Type: DEXRON III
Job No: 4143HS MACMOL



SAMPLE INFORMATION

Sample Number	VCP421985	VC312014	VC242229	---
Sample Date	11 Aug 2023	18 Sep 2008	06 Sep 2006	---
Machine Hours	14321	3034	6	---
Oil Hours	0	624	6	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

HIGHWAY EQUIPMENT & SUPPLY CO MAIN
 PO BOX 1957
 HARRISBURG, PA
 US 17105
 Contact: CHAD HERRON



OIL CONDITION

Visc @ 40°C	cSt	27.7	24.93	35.51	---
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T: 7(175)643-3031
 F: (717)564-3568



CONTAMINATION

Silicon	ppm	3	4	8	---
Sodium	ppm	7	6	3	---
Potassium	ppm	<1	0	0	---

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	138	26	69	---
Copper	ppm	88	259	110	---
Lead	ppm	4	4	▲ 57	---
Tin	ppm	5	10	5	---
Aluminum	ppm	17	8	4	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	3	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	186	338	124	---
Magnesium	ppm	14	2	0	---
Zinc	ppm	76	24	29	---
Phosphorus	ppm	293	360	243	---
Barium	ppm	0	0	9	---
Boron	ppm	112	152	81	---

Depot: VOLVO0025
Unique No: 10615360
Signed: Sean Felton
Report Date: 23 Aug 2023



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GRAPHS

