



CONSTRUCTION EQUIPMENT

VOLVO A45GFS 352524 - TRANSMISSION (AUTO)



Sample No: VCP423370

Oil Type: ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP423370	VCP391378	VCP365366	---
Sample Date	18 Sep 2023	22 Mar 2023	03 Jan 2023	---
Machine Hours	3727	2883	2534	---
Oil Hours	0	0	2534	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

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 BELLEVUE, IA
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 Contact: STEVE DUNN
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.6	27.9	28.0	---
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CONTAMINATION

Silicon	ppm	13	8	13	---
Sodium	ppm	5	5	5	---
Potassium	ppm	2	<1	1	---



WEAR METALS

Iron	ppm	54	39	41	---
Copper	ppm	76	63	53	---
Lead	ppm	0	0	0	---
Tin	ppm	9	7	6	---
Aluminum	ppm	27	19	17	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	13	11	9	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	70	79	70	---
Magnesium	ppm	0	<1	<1	---
Zinc	ppm	0	9	2	---
Phosphorus	ppm	195	220	208	---
Barium	ppm	0	0	0	---
Boron	ppm	80	93	92	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: DUNBEL
Unique No: 10702537
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

