



CONSTRUCTION EQUIPMENT

729229 PRIMORIS ENER VOLVO A40G 352782 - TRANSMISSION (AUTO)



Sample No: VCP444107
Oil Type: VOLVO AT 102
Job No: 729229 PRIMORIS ENER



SAMPLE INFORMATION

Sample Number	VCP444107	VCP432043	VCP397265	VCP364346
Sample Date	18 Jun 2024	29 Jan 2024	17 Jan 2023	15 Aug 2022
Machine Hours	4543	4045	2952	2306
Oil Hours	500	2000	1000	500
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.6	28.1	35.0	27.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	7	5	14
Sodium	ppm	4	4	2	5
Potassium	ppm	<1	2	0	4

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	14	26	10	47
Copper	ppm	6	14	7	39
Lead	ppm	0	0	0	<1
Tin	ppm	0	2	<1	6
Aluminum	ppm	7	14	5	27
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	2	<1	6
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	2	<1	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	60	88	82	93
Magnesium	ppm	<1	2	0	4
Zinc	ppm	4	7	0	15
Phosphorus	ppm	181	211	190	199
Barium	ppm	0	0	0	0
Boron	ppm	85	89	102	58

Depot: VOLVO0093
Unique No: 11127108
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

