



CONSTRUCTION EQUIPMENT

VOLVO A60H 350190 - TRANSMISSION



Sample No: VCP433956
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP433956	VCP395362	VCP388385	VCP389175
Sample Date	05 Sep 2023	05 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2618	2128	1651	1183
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	84.3	82.3	84.3	74.2
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CONTAMINATION

Silicon	ppm	8	8	8	12
Sodium	ppm	3	3	3	6
Potassium	ppm	<1	<1	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	11	9	15
Copper	ppm	7	20	21	55
Lead	ppm	<1	0	<1	7
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	41	42	42	42
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	31	79	76	15
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	1778	1688	1629	1580
Magnesium	ppm	547	536	503	525
Zinc	ppm	1157	1113	1087	1093
Phosphorus	ppm	998	961	950	1034
Barium	ppm	0	0	0	0
Boron	ppm	90	77	80	73

Depot: SAIBIR
Unique No: 10643576
Signed: Sean Felton
Report Date: 13 Sep 2023



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GRAPHS

