



CONSTRUCTION EQUIPMENT

SWO-072403 VOLVO A60H 340044 - DROP BOX



Sample No: VCP439688
Oil Type: GEAR OIL SAE 85W140
Job No: SWO-072403



SAMPLE INFORMATION

Sample Number	VCP439688	VCP441615	VCP411747	VCP410193
Sample Date	31 May 2024	01 Feb 2024	04 Aug 2023	11 May 2023
Machine Hours	9784	9302	8791	8303
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	305	306	304	307



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	5	4
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	<1	1	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	103	125	67	48
Copper	ppm	3	4	3	2
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	2	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	<1	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	49	44	44	56
Magnesium	ppm	29	29	27	25
Zinc	ppm	66	47	61	66
Phosphorus	ppm	1179	865	1053	1002
Barium	ppm	0	5	2	0
Boron	ppm	188	172	194	178

Depot: SAIBIR
Unique No: 11071123
Signed: Jonathan Hester
Report Date: 12 Jun 2024



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GRAPHS

