



CONSTRUCTION EQUIPMENT

SWO-071762 VOLVO A60 340104 - REAR RIGHT FINAL DRIVE



Sample No: VCP449656
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071762



SAMPLE INFORMATION

Sample Number	VCP449656	VCP435549	VCP403946	VCP390135
Sample Date	15 May 2024	30 Nov 2023	17 Apr 2023	08 Nov 2022
Machine Hours	9718	9185	8086	7528
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ATTENTION	ATTENTION	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	284	284.4	205	208
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	2	1
Sodium	ppm	1	2	0	0
Potassium	ppm	2	0	0	2

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	18	11	42	22
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	<1	0	1	<1
Molybdenum	ppm	3	2	3	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	65	63	73	73
Magnesium	ppm	21	25	15	18
Zinc	ppm	53	55	26	47
Phosphorus	ppm	1149	1023	1342	1123
Barium	ppm	0	0	0	0
Boron	ppm	237	192	222	175

Depot: SAIBIR
Unique No: 11036085
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

