



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - REAR AXLE



Sample No: VCP452725
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP452725	VCP429282	VCP432959	VCP416649
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
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	255	245	246	245
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	4	3
Sodium	ppm	2	4	3	<1
Potassium	ppm	2	1	0	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	21	20	19	22
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	5	3	4	5
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	472	422	434	548
Magnesium	ppm	28	30	41	37
Zinc	ppm	227	215	205	269
Phosphorus	ppm	1114	865	942	1126
Barium	ppm	0	2	0	0
Boron	ppm	190	150	144	192

Depot: SAIBIR
Unique No: 11036092
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

