



CONSTRUCTION EQUIPMENT

286697 PASCO EXC VOLVO A30G 742628 - FRONT AXLE



Sample No: VCP422659
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 286697 PASCO EXC



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SAMPLE INFORMATION

Sample Number	VCP422659	VCP05689341	VCP350259	VCP305453
Sample Date	21 Jun 2023	11 Oct 2022	04 Mar 2022	10 Mar 2021
Machine Hours	5336	8403	3322	1862
Oil Hours	1000	2000	1000	1862
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION



OIL CONDITION

Visc @ 40°C	cSt	216	177	177	57.7
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CONTAMINATION

Silicon	ppm	4	2	2	4
Sodium	ppm	0	<1	1	4
Potassium	ppm	1	0	<1	1



WEAR METALS

Iron	ppm	57	105	120	424
Copper	ppm	4	7	6	20
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	<1	<1	1
Chromium	ppm	<1	2	2	8
Molybdenum	ppm	9	3	3	6
Nickel	ppm	<1	1	<1	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	3	4	15
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	337	191	193	673
Magnesium	ppm	49	18	17	<1
Zinc	ppm	198	94	92	269
Phosphorus	ppm	1098	1037	1077	1410
Barium	ppm	2	0	0	0
Boron	ppm	197	136	133	182

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.

Depot: VOLVO0093
Unique No: 10566010
Signed: Wes Davis
Report Date: 24 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

