



CONSTRUCTION EQUIPMENT

593964 C&C ALJON 600 30126 - REAR RIGHT FINAL DRIVE



Sample No: VCP412278
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 593964 C&C



SAMPLE INFORMATION

Sample Number	VCP412278	VCP413191	VCP407368	VCP399705
Sample Date	09 Aug 2023	14 Jun 2023	16 May 2023	01 Mar 2023
Machine Hours	3146	2756	2553	2104
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	269	273	275	279
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CONTAMINATION

Silicon	ppm	2	3	2	0
Sodium	ppm	0	<1	<1	0
Potassium	ppm	<1	0	<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	120	236	77	44
Copper	ppm	4	7	4	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	<1	3	<1	0
Molybdenum	ppm	5	6	6	4
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	1	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	94	97	103	103
Magnesium	ppm	23	26	26	26
Zinc	ppm	60	65	60	65
Phosphorus	ppm	995	1048	1018	972
Barium	ppm	0	0	0	0
Boron	ppm	153	171	182	197

Depot: VOLVO0096
Unique No: 10605063
Signed: Wes Davis
Report Date: 16 Aug 2023



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VOLVO GRAPHS

