



CONSTRUCTION EQUIPMENT

593964 C&C ALJON 600 30126 - FRONT LEFT FINAL DRIVE



Sample No: VCP412423
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 593964 C&C



SAMPLE INFORMATION

Sample Number	VCP412423	VCP427094	VCP335529	VCP406859
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	275	269	277	279
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CONTAMINATION

Silicon	ppm	2	3	2	0
Sodium	ppm	0	<1	<1	0
Potassium	ppm	<1	0	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	250	167	122	52
Copper	ppm	6	7	5	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	2	2	1	0
Molybdenum	ppm	5	6	5	4
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	91	137	131	97
Magnesium	ppm	21	25	25	23
Zinc	ppm	61	82	71	60
Phosphorus	ppm	1006	1051	999	933
Barium	ppm	0	0	0	0
Boron	ppm	133	185	177	189

Depot: VOLVO0096
Unique No: 10605062
Signed: Wes Davis
Report Date: 16 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

