



CONSTRUCTION EQUIPMENT

742439 VOLVO A30G 742439 - DROP BOX



Sample No: VCP423045
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 742439



SAMPLE INFORMATION

Sample Number	VCP423045	VCP402049	VCP376893	VCP348433
Sample Date	03 Aug 2023	14 May 2023	30 Aug 2022	04 Feb 2022
Machine Hours	0	0	5058	4895
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

VCES- VOLVO CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	332	40.7	305	307
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CONTAMINATION

Silicon	ppm	<1	19	4	4
Sodium	ppm	0	10	0	0
Potassium	ppm	0	2	0	<1



WEAR METALS

Iron	ppm	4	20	23	26
Copper	ppm	0	63	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	8	9
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	2	2
Nickel	ppm	0	4	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	0	3526	56	49
Magnesium	ppm	0	8	5	5
Zinc	ppm	0	1528	32	19
Phosphorus	ppm	1080	1230	881	914
Barium	ppm	0	0	0	0
Boron	ppm	241	114	190	170

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: VOLVO4486
Unique No: 10588903
Signed: Jonathan Hester
Report Date: 08 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

