



CONSTRUCTION EQUIPMENT

286697 PASCO EXC VOLVO A30G 742628 - BOGIE/CENTER AXLE



Sample No: VCP416014
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 286697 PASCO EXC



SAMPLE INFORMATION

Sample Number	VCP416014	VCP05689347	VCP351662	VCP298958
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

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
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OIL CONDITION

Visc @ 40°C	cSt	226	182	195	▲ 57.7
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CONTAMINATION

Silicon	ppm	4	8	3	3
Sodium	ppm	0	1	1	5
Potassium	ppm	1	0	0	2



WEAR METALS

Iron	ppm	61	119	95	398
Copper	ppm	2	8	5	21
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	<1	1
Chromium	ppm	1	2	2	8
Molybdenum	ppm	9	3	3	6
Nickel	ppm	<1	1	0	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	3	3	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	341	156	155	595
Magnesium	ppm	50	19	18	<1
Zinc	ppm	190	80	78	242
Phosphorus	ppm	1089	1044	1033	1413
Barium	ppm	2	0	0	0
Boron	ppm	208	152	169	196

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: 10566009
Signed: Wes Davis
Report Date: 24 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

