



CONSTRUCTION EQUIPMENT

286697 PASCO EXC VOLVO A30G 742628 - REAR AXLE



Sample No: VCP418271
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 286697 PASCO EXC



SAMPLE INFORMATION

Sample Number	VCP418271	VCP389370	VCP348331	VCP305455
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	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 JFARDELLA@ALTAEQUIPFL.COM
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	224	197	197	▲ 57.9
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CONTAMINATION

Silicon	ppm	7	11	2	4
Sodium	ppm	0	1	1	4
Potassium	ppm	1	0	0	3

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	64	137	101	545
Copper	ppm	3	6	5	21
Lead	ppm	<1	0	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	2	0	1
Chromium	ppm	<1	2	2	10
Molybdenum	ppm	8	3	3	6
Nickel	ppm	<1	1	<1	6
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	8
Manganese	ppm	2	3	3	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	294	159	165	594
Magnesium	ppm	50	20	17	2
Zinc	ppm	184	76	78	246
Phosphorus	ppm	1086	1044	1089	1422
Barium	ppm	2	0	0	0
Boron	ppm	187	159	153	186

Depot: VOLVO0093
Unique No: 10566011
Signed: Wes Davis
Report Date: 24 Jul 2023



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GRAPHS

