



CONSTRUCTION EQUIPMENT

579943 TUCKER PAVING VOLVO A25G 742081 - FRONT AXLE



Sample No: VCP425847
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 579943 TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP425847	VCP385867	VCP360648	VCP312635
Sample Date	14 Jul 2023	24 Oct 2022	21 Apr 2022	09 Jul 2021
Machine Hours	7964	7007	6063	5033
Oil Hours	4000	500	2000	1000
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	278	288	300	303
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	9	13	39	40
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	0	0	<1	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	76	112	246	175
Copper	ppm	25	17	63	46
Lead	ppm	0	0	<1	0
Tin	ppm	<1	<1	2	2
Aluminum	ppm	1	<1	4	3
Chromium	ppm	<1	1	3	2
Molybdenum	ppm	2	2	2	2
Nickel	ppm	<1	<1	2	2
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	1	3	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	73	37	69	58
Magnesium	ppm	11	10	27	24
Zinc	ppm	45	20	52	46
Phosphorus	ppm	1046	916	967	903
Barium	ppm	0	0	0	0
Boron	ppm	203	158	142	188

Depot: VOLVO0093
Unique No: 10572461
Signed: Wes Davis
Report Date: 25 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

