



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 742081 - FRONT AXLE



Sample No: VCP451183
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP451183	VCP425847	VCP385867	VCP360648
Sample Date	26 Apr 2024	14 Jul 2023	24 Oct 2022	21 Apr 2022
Machine Hours	8496	7964	7007	6063
Oil Hours	0	4000	500	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	302	278	288	300
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	9	13	39
Sodium	ppm	1	<1	0	<1
Potassium	ppm	1	0	0	<1

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	59	76	112	246
Copper	ppm	8	25	17	63
Lead	ppm	0	0	0	<1
Tin	ppm	<1	<1	<1	2
Aluminum	ppm	<1	1	<1	4
Chromium	ppm	<1	<1	1	3
Molybdenum	ppm	8	2	2	2
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	1	1	3
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	237	73	37	69
Magnesium	ppm	33	11	10	27
Zinc	ppm	134	45	20	52
Phosphorus	ppm	1089	1046	916	967
Barium	ppm	0	0	0	0
Boron	ppm	166	203	158	142

Depot: VOLVO0093
Unique No: 11057919
Signed: Wes Davis
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

