



CONSTRUCTION EQUIPMENT

566115 TUCKER PAVING VOLVO EC380EL 314448 - SWING DRIVE



Sample No: VCP417598
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 566115 TUCKER PAVING



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



SAMPLE INFORMATION

Sample Number	VCP417598	VCP354034	VCP349356	VCP310880
Sample Date	15 Jun 2023	29 Aug 2022	12 Jan 2022	09 Sep 2021
Machine Hours	3267	2121	1186	640
Oil Hours	1000	1000	500	640
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	264	235	166	166
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	5	8	11	12
Sodium	ppm	<1	0	2	3
Potassium	ppm	0	1	<1	0



WEAR METALS

Iron	ppm	55	219	511	577
Copper	ppm	7	42	72	99
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	2	5	6
Chromium	ppm	<1	2	7	8
Molybdenum	ppm	7	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	1
Manganese	ppm	<1	4	10	11
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	191	80	8	60
Magnesium	ppm	55	5	2	1
Zinc	ppm	137	116	69	96
Phosphorus	ppm	1000	893	297	306
Barium	ppm	0	3	0	0
Boron	ppm	165	127	1	14

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: 10551202
Signed: Wes Davis
Report Date: 12 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

