



CONSTRUCTION EQUIPMENT

TUCKER VOLVO EC380E 314427 - REAR LEFT FINAL DRIVE



Sample No: VCP454954
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: TUCKER



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



SAMPLE INFORMATION

Sample Number	VCP454954	VCP422674	VCP395013	VCP359341
Sample Date	18 May 2024	09 Aug 2023	13 Mar 2023	25 Apr 2022
Machine Hours	5148	4011	3403	2240
Oil Hours	0	2000	1500	1300
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	SEVERE	ABNORMAL	ABNORMAL



OIL CONDITION

Visc @ 40°C	cSt	315	240	234	173
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	63	258	147	79
Sodium	ppm	0	2	1	2
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	406	1500	639	450
Copper	ppm	1	3	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	6	35	20	8
Chromium	ppm	5	29	18	13
Molybdenum	ppm	<1	4	4	1
Nickel	ppm	0	2	<1	1
Titanium	ppm	0	3	2	1
Silver	ppm	0	0	<1	0
Manganese	ppm	3	12	6	5
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	125	27	37	9
Magnesium	ppm	4	5	10	<1
Zinc	ppm	54	23	25	13
Phosphorus	ppm	1105	942	915	359
Barium	ppm	0	0	0	0
Boron	ppm	141	111	102	8

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: 11056496
Signed: Wes Davis
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

