



CONSTRUCTION EQUIPMENT

SPM580155 VOLVO EC380E 314966 - LEFT FINAL DRIVE



Sample No: VCP422586

Oil Type: SHELL 220

Job No: SPM580155



SAMPLE INFORMATION

Sample Number	VCP422586	VCP387426	VCP401507	VCP373753
Sample Date	19 Jul 2023	11 Apr 2023	20 Jan 2023	14 Nov 2022
Machine Hours	4982	3953	1858	2125
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL



UNITED SCRAP

1545 S CICERO AVE
CICERO, IL
US 60804

Contact: RON LUCHTENBURG
rluchten@unitedscrap.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	190	192	195	162
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	---	▲ 0.232	---	---
Silicon	ppm	58	▲ 121	18	15
Sodium	ppm	2	5	2	1
Potassium	ppm	1	8	<1	3



WEAR METALS

Iron	ppm	193	403	51	212
Copper	ppm	1	2	<1	<1
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	9	▲ 24	3	4
Chromium	ppm	6	▲ 23	2	6
Molybdenum	ppm	4	4	1	<1
Nickel	ppm	<1	2	0	0
Titanium	ppm	1	2	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	5	<1	4
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	3022	2806	2193	32
Magnesium	ppm	90	124	23	10
Zinc	ppm	1088	927	960	10
Phosphorus	ppm	878	802	780	340
Barium	ppm	0	2	<1	8
Boron	ppm	5	7	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.

Depot: UNICICIL
Unique No: 10586785
Signed: Wes Davis
Report Date: 04 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

