



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 3 1498 1 - RIGHT SWING DRIVE



Sample No: VCP438691
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP438691	VCP431758	VCP433871	VCP369464
Sample Date	15 Apr 2024	07 Feb 2024	23 Oct 2023	07 Aug 2023
Machine Hours	3400	2922	2416	1929
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	136	133	134	138
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	7	7	20
Sodium	ppm	<1	0	2	0
Potassium	ppm	0	<1	<1	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	40	69	65	157
Copper	ppm	4	8	8	27
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	0	1	<1	2
Chromium	ppm	<1	2	<1	2
Molybdenum	ppm	1	3	<1	4
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	1	2	1	3
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	57	35	36	32
Magnesium	ppm	19	20	32	26
Zinc	ppm	71	82	67	108
Phosphorus	ppm	1000	906	876	1139
Barium	ppm	0	0	0	4
Boron	ppm	81	50	50	41

Depot: SAIBIR
Unique No: 11004048
Signed: Jonathan Hester
Report Date: 01 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

