



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 311198 - LEFT SWING DRIVE



Sample No: VCP0007897
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007897	VCP343006	VCP310316	VCP291325
Sample Date	24 Apr 2024	20 Nov 2021	22 Apr 2021	14 Oct 2020
Machine Hours	0	4351	3018	1970
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
 shawn.northcraft@altg.com
 T: (904)737-6000
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OIL CONDITION

Visc @ 40°C	cSt	169	316	277	173
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	5	9	18
Sodium	ppm	2	0	<1	2
Potassium	ppm	2	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	326	6	779	1016
Copper	ppm	16	0	23	33
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	1	2	0
Chromium	ppm	6	0	9	12
Molybdenum	ppm	<1	5	<1	1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	8	0	8	12
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	11	62	68	30
Magnesium	ppm	2	19	15	2
Zinc	ppm	49	42	54	59
Phosphorus	ppm	464	914	809	399
Barium	ppm	9	0	0	<1
Boron	ppm	0	154	117	4

Depot: VOLVO0092
Unique No: 11002528
Signed: Don Baldrige
Report Date: 29 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

