



CONSTRUCTION EQUIPMENT

A11246 VOLVO EC220D 210876 - SWING DRIVE



Sample No: VCP430660
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A11246



SAMPLE INFORMATION

Sample Number	VCP430660	VCP416982	VCP409807	VCP358759
Sample Date	16 Oct 2023	19 Jun 2023	16 Mar 2023	28 Jun 2022
Machine Hours	13460	12979	12480	11085
Oil Hours	500	0	500	1000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

WASTE MANAGEMENT - TELFORD

400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	321	317	323	283
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CONTAMINATION

Silicon	ppm	<1	2	3	4
Sodium	ppm	0	1	0	0
Potassium	ppm	<1	1	0	2



WEAR METALS

Iron	ppm	0	9	0	16
Copper	ppm	0	1	0	2
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	3	0	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	19	12	30	22
Magnesium	ppm	2	4	0	3
Zinc	ppm	0	3	12	13
Phosphorus	ppm	1010	608	797	639
Barium	ppm	0	0	0	0
Boron	ppm	9	45	5	125

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: WASTEL
Unique No: 10712202
Signed: Don Baldrige
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

