



CONSTRUCTION EQUIPMENT

A10608 VOLVO ECR235D 210265 - SWING DRIVE



Sample No: VCP408975
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10608



SAMPLE INFORMATION

Sample Number	VCP408975	VCP334669	VCBM001637	VCP285552
Sample Date	27 Jun 2023	09 Nov 2021	01 Apr 2021	31 Aug 2020
Machine Hours	7470	6940	6720	6414
Oil Hours	500	1000	500	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
matt.mcclelland@dyerquarry.com
T:
F: (610)582-2304



OIL CONDITION

Visc @ 40°C	cSt	257	155	312	309
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	6	6	7	7
Sodium	ppm	<1	2	<1	<1
Potassium	ppm	1	<1	0	3

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.



WEAR METALS

Iron	ppm	142	218	240	181
Copper	ppm	4	3	5	3
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	2	2	1
Chromium	ppm	1	2	3	2
Molybdenum	ppm	<1	<1	1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	125	49	44	36
Magnesium	ppm	5	2	5	5
Zinc	ppm	78	6	20	21
Phosphorus	ppm	1046	750	871	860
Barium	ppm	0	0	0	0
Boron	ppm	140	132	141	118

Depot: DYEBIR
Unique No: 10548309
Signed: Don Baldrige
Report Date: 10 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

