



CONSTRUCTION EQUIPMENT

VOLVO EC160EL 310364 - SWING DRIVE



Sample No: VCP384763
Oil Type: CHEVRON MULTIGEAR EP5 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP384763	VCP335947	---	---
Sample Date	13 Jun 2023	25 Mar 2022	---	---
Machine Hours	4000	3000	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

DH FUNK AND SONS LLC
 3995 CONTINENTAL DRIVE
 COLUMBIA, PA
 US 17512
 Contact: GARY SHEPHERD
 GSHEPHERD@DHFUNK.COM
 T:
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OIL CONDITION

Visc @ 40°C	cSt	126	119	---	---
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CONTAMINATION

Silicon	ppm	9	14	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	59	91	---	---
Copper	ppm	2	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	4	4	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	1	2	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	98	220	---	---
Magnesium	ppm	35	95	---	---
Zinc	ppm	59	125	---	---
Phosphorus	ppm	941	1021	---	---
Barium	ppm	0	0	---	---
Boron	ppm	184	164	---	---

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: DHFCOL
Unique No: 10522369
Signed: Sean Felton
Report Date: 20 Jun 2023



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GRAPHS

