



CONSTRUCTION EQUIPMENT

W0330012 MGC CONTRAC VOLVO EC300E 314688 - SWING DRIVE



Sample No: VCP424637
Oil Type: GEAR OIL SAE 80W90
Job No: W0330012 MGC CONTRAC



SAMPLE INFORMATION

Sample Number	VCP424637	VCP372459	---	---
Sample Date	05 Apr 2024	13 Jan 2023	---	---
Machine Hours	3184	2207	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ROMCO INC MAIN
 PO BOX 200210
 SAN ANTONIO, TX
 US 78220
 Contact: B MILLER
 BMILLER@ROMCO.COM
 T:
 F: (210)648-7712



OIL CONDITION

Visc @ 40°C	cSt	█ 155	█ 172	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 15	█ 18	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 0	█ 0	---	---

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	█ 960	█ 911	---	---
Copper	ppm	█ 18	█ 18	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ <1	█ 2	---	---
Chromium	ppm	█ 11	█ 11	---	---
Molybdenum	ppm	█ 9	█ 1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 11	█ 11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 69	█ 14	---	---
Magnesium	ppm	█ 26	█ 0	---	---
Zinc	ppm	█ 56	█ 0	---	---
Phosphorus	ppm	█ 518	█ 281	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 51	█ <1	---	---

Depot: VOLVO0170
Unique No: 10976290
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

