



CONSTRUCTION EQUIPMENT

736851 M MARIETTA VOLVO EC250ELR 314026 - SWING DRIVE



Sample No: VCP432724
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No: 736851 M MARIETTA



SAMPLE INFORMATION

Sample Number	VCP432724	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	4227	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ROMCO INC - AUSTIN BRANCH
1150 WEST OLD SETTLERS BOULEVARD
ROUNDROCK, TX
US 78681
Contact: ED MAYES
EMAYES@ROMCO.COM
T: (737)204-9402
F: (512)388-2673



OIL CONDITION

Visc @ 40°C	cSt	█ 193	---	---	---
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CONTAMINATION

Water	%	▲ 0.251	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 223	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 1371	---	---	---
Copper	ppm	▲ 106	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	▲ 31	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	26	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 106	---	---	---
Magnesium	ppm	█ 42	---	---	---
Zinc	ppm	█ 128	---	---	---
Phosphorus	ppm	█ 794	---	---	---
Barium	ppm	█ 8	---	---	---
Boron	ppm	█ 126	---	---	---

Depot: VOLVO0088
Unique No: 10793372
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

