



CONSTRUCTION EQUIPMENT

736851 MARTIN MARIET VOLVO EC250ELR 314026 - DIESEL ENGINE



Sample No: VCP434757
Oil Type: CHEVRON 15W40
Job No: 736851 MARTIN MARIET



SAMPLE INFORMATION

Sample Number	VCP434757	VCP411266	---	---
Sample Date	13 Dec 2023	19 Mar 2023	---	---
Machine Hours	4227	3617	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 @ 100°C	cSt	█ 12.9	█ 13.1	---	---
Base Number (BN)	mg KOH/g	█ 8.7	█ 9.4	---	---
Oxidation (PA)	%	68	67	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.2	█ 0.2	---	---
Nitration (PA)	%	61	60	---	---
Sulfation (PA)	%	63	64	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 7	█ 10	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 6	█ 7	---	---



WEAR METALS

Iron	ppm	█ 7	█ 9	---	---
Copper	ppm	█ 2	█ 2	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 8	█ 9	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 122	█ 141	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1473	█ 1651	---	---
Magnesium	ppm	█ 678	█ 749	---	---
Zinc	ppm	█ 879	█ 936	---	---
Phosphorus	ppm	█ 695	█ 782	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 264	█ 373	---	---

Depot: VOLVO0088
Unique No: 10792837
Signed: Wes Davis
Report Date: 19 Dec 2023



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GRAPHS

