



CONSTRUCTION EQUIPMENT

737141 MARTIN MARIET VOLVO EC250EL 314034 - DIESEL ENGINE



Sample No: VCP432580
Oil Type: CHEVRON 15W40
Job No: 737141 MARTIN MARIET



SAMPLE INFORMATION

Sample Number	VCP432580	VCP420964	---	---
Sample Date	19 Jan 2024	19 Mar 2023	---	---
Machine Hours	5131	4566	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	12.9	12.8	---	---
Base Number (BN)	mg KOH/g	8.4	9.9	---	---
Oxidation (PA)	%	69	79	---	---

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	64	---	---
Sulfation (PA)	%	62	63	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	8	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	6	8	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	4	4	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	122	76	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1643	1728	---	---
Magnesium	ppm	688	617	---	---
Zinc	ppm	950	1137	---	---
Phosphorus	ppm	803	923	---	---
Barium	ppm	0	0	---	---
Boron	ppm	264	115	---	---

Depot: VOLVO0088
Unique No: 10848725
Signed: Wes Davis
Report Date: 29 Jan 2024



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GRAPHS

