



CONSTRUCTION EQUIPMENT

735401 MARTIN MARIET VOLVO L70E 60701 - DIESEL ENGINE



Sample No: VCP396896
Oil Type: CHEVRON 15W40
Job No: 735401 MARTIN MARIET



SAMPLE INFORMATION

Sample Number	VCP396896	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	6851	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.6	---	---	---
Oxidation (PA)	%	57	---	---	---

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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	40	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 130	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1848	---	---	---
Magnesium	ppm	█ 669	---	---	---
Zinc	ppm	█ 999	---	---	---
Phosphorus	ppm	█ 828	---	---	---
Barium	ppm	█ 13	---	---	---
Boron	ppm	█ 431	---	---	---

Depot: VOLVO0088
Unique No: 10551655
Signed: Wes Davis
Report Date: 12 Jul 2023



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GRAPHS

