



CONSTRUCTION EQUIPMENT

MARTIN MARIETTA VOLVO EC480E 311274 - DIESEL ENGINE



Sample No: VCP392571
Oil Type: CHEVRON 15W40
Job No: MARTIN MARIETTA



ROMCO INC - AUSTIN BRANCH
1150 WEST OLD SETTLERS BOULEVARD
ROUNDROCK, TX
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SAMPLE INFORMATION

Sample Number	VCP392571	---	---	---
Sample Date	26 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 12.1	---	---	---
Base Number (BN)	mg KOH/g	█ 7.7	---	---	---
Oxidation (PA)	%	66	---	---	---



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	64	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.7	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 119	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1534	---	---	---
Magnesium	ppm	█ 653	---	---	---
Zinc	ppm	█ 854	---	---	---
Phosphorus	ppm	█ 712	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 217	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. 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.

Depot: VOLVO0088
Unique No: 10669348
Signed: Wes Davis
Report Date: 29 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

