



CONSTRUCTION EQUIPMENT

VOLVO EC480E 311286 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP441123
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP441123	---	---	---
Sample Date	30 Nov 2023	---	---	---
Machine Hours	6054	---	---	---
Oil Hours	6054	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MCLLUNG-LOGAN EQUIPMENT CO - WISE
 PO BOX 1158
 WISE, VA
 US 24293
 Contact: DANNY BARRINGTON
 dbarrington@mcclung-logan.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 330	---	---	---
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CONTAMINATION

Water	%	█ 0.090	---	---	---
Silicon	ppm	█ 72	---	---	---
Sodium	ppm	█ 14	---	---	---
Potassium	ppm	█ 5	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 1091	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 2	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 27	---	---	---
Phosphorus	ppm	█ 1025	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 148	---	---	---

Depot: VOLVO8881
Unique No: 10779530
Signed: Don Baldrige
Report Date: 12 Dec 2023



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VOLVO GRAPHS

