



# CONSTRUCTION EQUIPMENT

E15307 TRAVIS DIONNE PONSEE A1305625 - DIESEL ENGINE



**Sample No:** VCP427101  
**Oil Type:** AMSOIL (ASL) SYN MOTOR OIL 5W30  
**Job No:** E15307 TRAVIS DIONNE



## SAMPLE INFORMATION

Sample Number	VCP427101	VCP419002	---	---
Sample Date	12 Apr 2024	17 Nov 2023	---	---
Machine Hours	2089	239	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### CHADWICK-BAROSS INC

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## OIL CONDITION

Visc @ 100°C	cSt	█ 11.6	█ 11.5	---	---
Base Number (BN)	mg KOH/g	█ 7.0	█ 10.5	---	---
Oxidation (PA)	%	53	50	---	---

## 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 acceptable for the time in service.



## CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.3	█ 0.2	---	---
Nitration (PA)	%	73	75	---	---
Sulfation (PA)	%	53	45	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 8	█ 7	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ 7	█ 8	---	---



## WEAR METALS

Iron	ppm	█ 12	█ 21	---	---
Copper	ppm	█ 3	█ 20	---	---
Lead	ppm	█ 1	█ 0	---	---
Tin	ppm	█ 2	█ 3	---	---
Aluminum	ppm	█ 5	█ 21	---	---
Chromium	ppm	█ 1	█ 1	---	---
Molybdenum	ppm	█ 4	█ 40	---	---
Nickel	ppm	█ 1	█ 0	---	---
Titanium	ppm	1	0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ 1	█ 6	---	---
Vanadium	ppm	<1	0	---	---



## ADDITIVES

Calcium	ppm	█ 1263	█ 1169	---	---
Magnesium	ppm	█ 685	█ 894	---	---
Zinc	ppm	█ 804	█ 871	---	---
Phosphorus	ppm	█ 748	█ 742	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 66	140	---	---

**Depot:** VOLVO0010  
**Unique No:** 10982938  
**Signed:** Sean Felton  
**Report Date:** 22 Apr 2024



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## GRAPHS

