



CONSTRUCTION EQUIPMENT

VOLVO L110F 7072 - DIESEL ENGINE



Sample No: VCP425532
Oil Type: PETRO CANADA 10W30
Job No:



SAMPLE INFORMATION

Sample Number	VCP425532	VCP289197	---	---
Sample Date	19 Feb 2024	24 Jun 2022	---	---
Machine Hours	5852	5260	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

WOODBED CORP dba DELULLO TRUCKING
 1022 DELAUM RD
 ST MARYS, PA
 US 15857
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OIL CONDITION

Visc @ 100°C	cSt	█ 11.4	█ 12.4	---	---
Base Number (BN)	mg KOH/g	█ 8.5	█ 7.6	---	---
Oxidation (PA)	%	57	64	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.3	█ 0.2	---	---
Nitration (PA)	%	62	66	---	---
Sulfation (PA)	%	50	57	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 10	█ 5	---	---
Sodium	ppm	█ 6	█ 5	---	---
Potassium	ppm	█ 4	█ 7	---	---



WEAR METALS

Iron	ppm	█ 14	█ 11	---	---
Copper	ppm	█ 5	█ 5	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 4	█ 6	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	█ 52	█ 3	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1297	█ 2230	---	---
Magnesium	ppm	█ 839	█ 132	---	---
Zinc	ppm	█ 1223	█ 1199	---	---
Phosphorus	ppm	█ 1034	█ 977	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 31	█ 165	---	---

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.

Depot: WOOSTM
Unique No: 10897095
Signed: Wes Davis
Report Date: 26 Feb 2024



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GRAPHS

