



CONSTRUCTION EQUIPMENT

VOLVO L110F 70722 - DIESEL ENGINE



Sample No: VCP425534
Oil Type: PETRO CANADA 10W30
Job No:



SAMPLE INFORMATION

Sample Number	VCP425534	VCP425532	VCP289197	---
Sample Date	14 May 2024	19 Feb 2024	24 Jun 2022	---
Machine Hours	6138	5852	5260	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

WOODBED CORP dba DELULLO TRUCKING
 1022 DELAUM RD
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 US 15857
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OIL CONDITION

Visc @ 100°C	cSt	11.5	11.4	12.4	---
Base Number (BN)	mg KOH/g	7.0	8.5	7.6	---
Oxidation (PA)	%	66	57	64	---

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Soot %	%	0.3	0.3	0.2	---
Nitration (PA)	%	77	62	66	---
Sulfation (PA)	%	52	50	57	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	<1.0	<1.0	---
Silicon	ppm	6	10	5	---
Sodium	ppm	4	6	5	---
Potassium	ppm	3	4	7	---

WEAR METALS

Iron	ppm	8	14	11	---
Copper	ppm	2	5	5	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	3	4	6	---
Chromium	ppm	1	2	2	---
Molybdenum	ppm	59	52	3	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	1161	1297	2230	---
Magnesium	ppm	917	839	132	---
Zinc	ppm	1260	1223	1199	---
Phosphorus	ppm	1159	1034	977	---
Barium	ppm	0	0	0	---
Boron	ppm	9	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: 11036747
Signed: Wes Davis
Report Date: 22 May 2024



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GRAPHS

