



CONSTRUCTION EQUIPMENT

314854 VOLVO G746B 36682 - DIESEL ENGINE



Sample No: VCP
Oil Type: PETRO CANADA 15W40
Job No: 314854



SAMPLE INFORMATION

Sample Number	VCP	VC171072	---	---
Sample Date	27 May 2022	16 Jun 2006	---	---
Machine Hours	8472	714	---	---
Oil Hours	0	250	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	12.9	12.8	---	---
Oxidation (PA)	%	67	51	---	---



CONTAMINATION

Soot %	%	0	0.1	---	---
Nitration (PA)	%	58	45	---	---
Sulfation (PA)	%	55	56	---	---
Glycol	%	0.0	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	8	1	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	12	---	---
Copper	ppm	4	6	---	---
Lead	ppm	2	9	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2084	3304	---	---
Magnesium	ppm	11	8	---	---
Zinc	ppm	1141	1434	---	---
Phosphorus	ppm	1024	1320	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	51	4	---	---

Depot: VOLVO3908
Unique No: 5409974
Signed: Wes Davis
Report Date: 07 Jun 2022



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GRAPHS

