



# CONSTRUCTION EQUIPMENT

TOWN OF OAKVILLE 8000387803 VOLVO G720A 15728 - DIESEL ENGINE



**Sample No:** VCP381984  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 8000387803



**STRONGCO EQUIPMENT INC.**  
1640 ENTERPRISE ROAD  
MISSISSAUGA, ON  
CA L4W 4L4  
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## SAMPLE INFORMATION

Sample Number	VCP381984	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	2223	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Oxidation (PA)	%	█ 82	---	---	---



## CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 57	---	---	---
Sulfation (PA)	%	█ 62	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1700	---	---	---
Magnesium	ppm	█ 509	---	---	---
Zinc	ppm	█ 1085	---	---	---
Phosphorus	ppm	█ 925	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 44	---	---	---

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.  
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.

**Depot:** SHEMIS  
**Unique No:** 5696533  
**Signed:** Wes Davis  
**Report Date:** 15 Dec 2023



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## GRAPHS

