



# CONSTRUCTION EQUIPMENT

IMPACT AUTO 8-379793 VOLVO L90H 623795 - DIESEL ENGINE



**Sample No:** VCP430265  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 8-379793



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

Sample Number	VCP430265	---	---	---
Sample Date	28 Sep 2023	---	---	---
Machine Hours	11670	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 100°C	cSt	█ 13.1	---	---	---
Oxidation (PA)	%	█ 80	---	---	---



## CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	█ 57	---	---	---
Sulfation (PA)	%	█ 61	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1730	---	---	---
Magnesium	ppm	█ 505	---	---	---
Zinc	ppm	█ 1112	---	---	---
Phosphorus	ppm	█ 920	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 29	---	---	---

## 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.

**Depot:** SHEMIS  
**Unique No:** 5655715  
**Signed:** Wes Davis  
**Report Date:** 04 Oct 2023



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## GRAPHS

