



# CONSTRUCTION EQUIPMENT

8000257555 CATERPILLAR 980H JJMS06490 - DIESEL ENGINE



Sample No: VCP272739

Oil Type: NOT GIVEN

Job No: 8000257555



## SAMPLE INFORMATION

Sample Number	VCP272739	---	---	---
Sample Date	20 Sep 2020	---	---	---
Machine Hours	15043	---	---	---
Oil Hours	360	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

55 ISNOR DRIVE, BURNSIDE INDUSTRIALPARK  
 DARTMOUTH, NS  
 CA B3B 1N6  
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## OIL CONDITION

Visc @ 100°C	cSt	▲ 10.9	---	---	---
Oxidation (PA)	%	78	---	---	---



## CONTAMINATION

Soot %	%	■ 0.5	---	---	---
Nitration (PA)	%	61	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.3	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 32	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 1653	---	---	---
Magnesium	ppm	■ 442	---	---	---
Zinc	ppm	■ 892	---	---	---
Phosphorus	ppm	767	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 47	---	---	---

Depot: SHEDAR  
 Unique No: 5109398  
 Signed: Wes Davis  
 Report Date: 28 Sep 2020



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## GRAPHS

