



# CONSTRUCTION EQUIPMENT

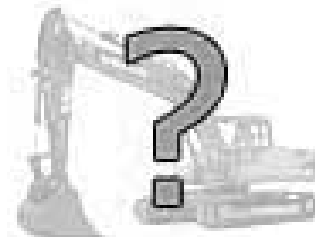
MEDLOG 392438 KONE CRANES SMV453L 862540 - DIESEL ENGINE



Sample No: VCP393056

Oil Type: SAE 15W40

Job No: 392438



## SAMPLE INFORMATION

Sample Number	VCP393056	---	---	---
Sample Date	10 Apr 2024	---	---	---
Machine Hours	1007	---	---	---
Oil Hours	850	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

72 CHEMIN DU TREMBLAY  
BOUCHERVILLE, QC  
CA J4B 6Z6

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## OIL CONDITION

Visc @ 100°C	cSt	▲ 11.7	---	---	---
Oxidation (PA)	%	81	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.2	---	---	---
Nitration (PA)	%	87	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	■ 0.0	---	---	---
Fuel	%	▲ 3.7	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. 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	■ 16	---	---	---
Copper	ppm	■ 410	---	---	---
Lead	ppm	■ 10	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 33	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 1702	---	---	---
Magnesium	ppm	■ 433	---	---	---
Zinc	ppm	■ 1001	---	---	---
Phosphorus	ppm	■ 859	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 31	---	---	---

Depot: SHEBOU  
Unique No: 5762581  
Signed: Wes Davis  
Report Date: 18 Apr 2024



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## GRAPHS

