



CONSTRUCTION EQUIPMENT

8-371266 VOLVO A40G 353346 - DIESEL ENGINE



Sample No: VCP352187

Oil Type: NOT GIVEN

Job No: 8-371266



SAMPLE INFORMATION

Sample Number	VCP352187	---	---	---
Sample Date	07 Jul 2023	---	---	---
Machine Hours	1098	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

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OIL CONDITION

Visc @ 100°C	cSt	11.5	---	---	---
Oxidation (PA)	%	56	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	57	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	0.0	---	---	---
Fuel	%	0.8	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	142	---	---	---
Lead	ppm	4	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	81	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1782	---	---	---
Magnesium	ppm	385	---	---	---
Zinc	ppm	1131	---	---	---
Phosphorus	ppm	1016	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	52	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: SHEMIS
Unique No: 5605773
Signed: Kevin Marson
Report Date: 11 Jul 2023



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GRAPHS

