



CONSTRUCTION EQUIPMENT

CAMP AUTO CUMMINS CAMP AUTO CUMMINS 6.7 (S/N NOT GIVEN) - DIESEL ENGINE



Sample No: VCP401573
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: CAMP AUTO



SAMPLE INFORMATION

Sample Number	VCP401573	---	---	---
Sample Date	19 May 2023	---	---	---
Machine Hours	21865	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

GREEN MACHINE SERVICES LLC
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SOUTH AMBOY, NJ
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F:



OIL CONDITION

Visc @ 100°C	cSt	▲ 8.72	---	---	---
Base Number (BN)	mg KOH/g	■ 4.3	---	---	---
Oxidation (PA)	%	■ 32	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.



CONTAMINATION

Soot %	%	■ 0.2	---	---	---
Nitration (PA)	%	■ 37	---	---	---
Sulfation (PA)	%	■ 44	---	---	---
Glycol	%	■ NEG	---	---	---
Fuel	%	■ 0.2	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 39	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ <1	---	---	---



ADDITIVES

Calcium	ppm	■ 663	---	---	---
Magnesium	ppm	■ 186	---	---	---
Zinc	ppm	■ 739	---	---	---
Phosphorus	ppm	■ 619	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 173	---	---	---

Depot: GRESOUNJ
Unique No: 10506291
Signed: Jonathan Hester
Report Date: 09 Jun 2023



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GRAPHS

