



CONSTRUCTION EQUIPMENT

67196 SCOTT EQUIP TAKEUCHI CER 400 15349 - DIESEL ENGINE



Sample No: VCP425022
Oil Type: NOT GIVEN
Job No: 67196 SCOTT EQUIP



SAMPLE INFORMATION

Sample Number	VCP425022	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	497	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE
15101 ALABAMA HWY 20
MADISON, AL
US 35756
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.0	---	---	---
Base Number (BN)	mg KOH/g	█ 7.2	---	---	---
Oxidation (PA)	%	70	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. 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. Fuel content negligible. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	77	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.5	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 56	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 84	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1416	---	---	---
Magnesium	ppm	█ 960	---	---	---
Zinc	ppm	█ 1338	---	---	---
Phosphorus	ppm	█ 1048	---	---	---
Barium	ppm	█ 8	---	---	---
Boron	ppm	█ 42	---	---	---

Depot: COWMAD
Unique No: 10741868
Signed: Don Baldrige
Report Date: 17 Nov 2023



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GRAPHS

