



CONSTRUCTION EQUIPMENT

X28092 CASE CX250DLR TM1491 - DIESEL ENGINE



Sample No: VCP379757
Oil Type: CASE 10W40
Job No: X28092



SAMPLE INFORMATION

Sample Number	VCP379757	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	920	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 8.4	---	---	---
Oxidation (PA)	%	57	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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 suitable for further service.



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 19	---	---	---



WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 53	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1713	---	---	---
Magnesium	ppm	█ 317	---	---	---
Zinc	ppm	█ 1120	---	---	---
Phosphorus	ppm	█ 942	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 114	---	---	---

Depot: SCOSAI
Unique No: 10607028
Signed: Wes Davis
Report Date: 18 Aug 2023



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GRAPHS

