



CONSTRUCTION EQUIPMENT

SWO069602 DUCKETT CO BOMAG BW211D-5 101586081611 - DIESEL ENGINE



Sample No: VCP436691
Oil Type: {unknown}
Job No: SWO069602 DUCKETT CO



SAMPLE INFORMATION

Sample Number	VCP436691	---	---	---
Sample Date	13 Feb 2024	---	---	---
Machine Hours	1614	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.1	---	---	---
Base Number (BN)	mg KOH/g	█ 8.7	---	---	---
Oxidation (PA)	%	72	---	---	---

Diagnosis

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. 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

Water	%	NEG	---	---	---
Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	72	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 32	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 46	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1634	---	---	---
Magnesium	ppm	█ 533	---	---	---
Zinc	ppm	█ 980	---	---	---
Phosphorus	ppm	764	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 58	---	---	---

Depot: COWMAD
Unique No: 10885088
Signed: Wes Davis
Report Date: 19 Feb 2024



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GRAPHS

