



CONSTRUCTION EQUIPMENT

67912 DECATUR UTIL VOLVO EC60E 315230 - DIESEL ENGINE



Sample No: VCP416341
Oil Type: NOT GIVEN
Job No: 67912 DECATUR UTIL



SAMPLE INFORMATION

Sample Number	VCP416341	---	---	---
Sample Date	01 Dec 2023	---	---	---
Machine Hours	1390	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Base Number (BN)	mg KOH/g	█ 8.0	---	---	---
Oxidation (PA)	%	74	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 40 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. 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 %	%	█ 0.2	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	68	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 30	---	---	---
Copper	ppm	█ 93	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 66	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1843	---	---	---
Magnesium	ppm	█ 351	---	---	---
Zinc	ppm	█ 1042	---	---	---
Phosphorus	ppm	█ 860	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 285	---	---	---

Depot: COWMAD
Unique No: 10778851
Signed: Wes Davis
Report Date: 09 Dec 2023



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GRAPHS

