



CONSTRUCTION EQUIPMENT

SWA412264 VOLVO L180 5288 - DIESEL ENGINE



Sample No: VCP383066
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SWA412264



SAMPLE INFORMATION

Sample Number	VCP383066	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	█ 64	---	---	---

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)	%	█ 63	---	---	---
Sulfation (PA)	%	█ 50	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 54	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 998	---	---	---
Magnesium	ppm	█ 981	---	---	---
Zinc	ppm	█ 1278	---	---	---
Phosphorus	ppm	█ 1063	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 59	---	---	---

Depot: VOLVO2990
Unique No: 10749772
Signed: Wes Davis
Report Date: 17 Nov 2023



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GRAPHS

