



CONSTRUCTION EQUIPMENT

SPM539775 MI PAV/SC VOLVO L260H 1244 - DIESEL ENGINE



Sample No: VCP419777
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM539775 MI PAV/SC



SAMPLE INFORMATION

Sample Number	VCP419777	VCP365027	---	---
Sample Date	17 Apr 2023	02 Aug 2022	---	---
Machine Hours	5405	3592	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	█ 13.2	---	---
Base Number (BN)	mg KOH/g	█ 8.5	█ 10.3	---	---
Oxidation (PA)	%	57	63	---	---

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 %	%	█ 0.4	█ 0.5	---	---
Nitration (PA)	%	61	67	---	---
Sulfation (PA)	%	52	58	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 0	█ 2	---	---
Sodium	ppm	█ 2	█ 0	---	---
Potassium	ppm	█ <1	█ <1	---	---



WEAR METALS

Iron	ppm	█ 5	█ 6	---	---
Copper	ppm	█ 1	█ 7	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 59	█ 59	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1099	█ 1070	---	---
Magnesium	ppm	█ 1018	█ 934	---	---
Zinc	ppm	█ 1330	█ 1256	---	---
Phosphorus	ppm	█ 1107	█ 1053	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 0	█ <1	---	---

Depot: VOLVO5023
Unique No: 10444405
Signed: Wes Davis
Report Date: 27 Apr 2023



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GRAPHS

