



CONSTRUCTION EQUIPMENT

SWA528731 RENTAL GENIE S-65XC S65XCH45440 - DIESEL ENGINE



Sample No: VCP423851
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SWA528731 RENTAL



SAMPLE INFORMATION

Sample Number	VCP423851	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	1874	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 8.4	---	---	---
Oxidation (PA)	%	84	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. Test for glycol is negative. 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	95	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 57	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1110	---	---	---
Magnesium	ppm	█ 861	---	---	---
Zinc	ppm	█ 1112	---	---	---
Phosphorus	ppm	█ 934	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 25	---	---	---

Depot: VOLVO0046
Unique No: 10965807
Signed: Jonathan Hester
Report Date: 15 Apr 2024



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GRAPHS

