



CONSTRUCTION EQUIPMENT

9322 CAP GLASS VOLVO L60H 621991 - DIESEL ENGINE



Sample No: VCP423121
Oil Type: CHEVRON 15W40
Job No: 9322 CAP GLASS



SAMPLE INFORMATION

Sample Number	VCP423121	VCP405015	---	---
Sample Date	24 Jul 2023	31 Mar 2023	---	---
Machine Hours	2044	1579	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	MARGINAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	13.3	▲ 12.2	---	---
Base Number (BN)	mg KOH/g	8.2	■ 6.5	---	---
Oxidation (PA)	%	63	81	---	---



CONTAMINATION

Soot %	%	0.2	■ 0.4	---	---
Nitration (PA)	%	53	78	---	---
Sulfation (PA)	%	58	54	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	■ 1.7	---	---
Silicon	ppm	9	■ 4	---	---
Sodium	ppm	0	■ 2	---	---
Potassium	ppm	2	■ 0	---	---



WEAR METALS

Iron	ppm	17	■ 24	---	---
Copper	ppm	3	■ 3	---	---
Lead	ppm	0	■ 0	---	---
Tin	ppm	<1	■ 0	---	---
Aluminum	ppm	8	■ 3	---	---
Chromium	ppm	<1	■ <1	---	---
Molybdenum	ppm	95	■ 71	---	---
Nickel	ppm	<1	■ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	■ 0	---	---
Manganese	ppm	1	■ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1572	■ 1185	---	---
Magnesium	ppm	437	■ 924	---	---
Zinc	ppm	1266	■ 1268	---	---
Phosphorus	ppm	1094	■ 1052	---	---
Barium	ppm	3	■ 0	---	---
Boron	ppm	484	■ 27	---	---

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.

Depot: VOLV00150
Unique No: 10586153
Signed: Wes Davis
Report Date: 03 Aug 2023



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GRAPHS

