



CONSTRUCTION EQUIPMENT

W403005014 DAGGER VOLVO A40G 353160 - DIESEL ENGINE



Sample No: VCP412778
Oil Type: {unknown}
Job No: W403005014 DAGGER



SAMPLE INFORMATION

Sample Number	VCP412778	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	840	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	51	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. 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	---	---	---
Nitration (PA)	%	38	---	---	---
Sulfation (PA)	%	47	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 54	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 913	---	---	---
Magnesium	ppm	█ 791	---	---	---
Zinc	ppm	█ 1065	---	---	---
Phosphorus	ppm	█ 852	---	---	---
Barium	ppm	█ 34	---	---	---
Boron	ppm	█ 6	---	---	---

Depot: ASCFAR
Unique No: 10898197
Signed: Wes Davis
Report Date: 27 Feb 2024



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GRAPHS

