



CONSTRUCTION EQUIPMENT

A11108 IAA CONSTR VOLVO L90H 626688 - DIESEL ENGINE



Sample No: VCP412825
Oil Type: MOBIL 15W40
Job No: A11108 IAA CONSTR



SAMPLE INFORMATION

Sample Number	VCP412825	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	660	---	---	---
Oil Hours	660	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 8.9	---	---	---
Oxidation (PA)	%	76	---	---	---



CONTAMINATION

Soot %	%	█ 0.6	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 26	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	█ 48	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 5	---	---	---
Aluminum	ppm	█ 27	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 49	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1776	---	---	---
Magnesium	ppm	█ 712	---	---	---
Zinc	ppm	█ 1318	---	---	---
Phosphorus	ppm	█ 1095	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 48	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. 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: VOLVO8879
Unique No: 10672661
Signed: Wes Davis
Report Date: 03 Oct 2023



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GRAPHS

