



CONSTRUCTION EQUIPMENT

A11996 VOLVO L90H 624901 - DIESEL ENGINE



Sample No: VCP409301
Oil Type: MOBIL 15W40
Job No: A11996



SAMPLE INFORMATION

Sample Number	VCP409301	---	---	---
Sample Date	27 Jan 2024	---	---	---
Machine Hours	9070	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WASTE MANAGEMENT - TELFORD

400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Base Number (BN)	mg KOH/g	█ 7.9	---	---	---
Oxidation (PA)	%	67	---	---	---

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

Water	%	NEG	---	---	---
Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	74	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 44	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1570	---	---	---
Magnesium	ppm	█ 512	---	---	---
Zinc	ppm	█ 1213	---	---	---
Phosphorus	ppm	█ 1048	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 22	---	---	---

Depot: WASTEL
Unique No: 10873237
Signed: Wes Davis
Report Date: 13 Feb 2024



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GRAPHS

