



CONSTRUCTION EQUIPMENT

VOLVO L90H 627959 - DIESEL ENGINE



Sample No: VCP399691
Oil Type: KENDALL SUPER-D XA 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP399691	---	---	---
Sample Date	10 Feb 2024	---	---	---
Machine Hours	425	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OLDCASTLE LAWN AND GARDEN
 2427 RWS RANCH RD
 DAVENPORT, FL
 US 33837
 Contact: DAVID ORTIZ
 david.ortiz@oldcastle.com
 T: (800)833-2984
 F: (863)421-1776



OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.7	---	---	---
Oxidation (PA)	%	72	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	51	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1477	---	---	---
Magnesium	ppm	█ 551	---	---	---
Zinc	ppm	█ 1085	---	---	---
Phosphorus	ppm	█ 913	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 49	---	---	---

Depot: GREDAVFL
Unique No: 10884414
Signed: Wes Davis
Report Date: 19 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

