



CONSTRUCTION EQUIPMENT

SVC52741 VOLVO L30GS 3224473 - DIESEL ENGINE



Sample No: VCP438673
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SVC52741



SAMPLE INFORMATION

Sample Number	VCP438673	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	4700	---	---	---
Oil Hours	300	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

BURNS CONSTRUCTION
300 SPERRY AVE
STRATFORD, CT
US 06615
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Base Number (BN)	mg KOH/g	█ 7.6	---	---	---
Oxidation (PA)	%	63	---	---	---

T:
F:

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 acceptable for the time in service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	74	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 28	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 2052	---	---	---
Magnesium	ppm	█ 246	---	---	---
Zinc	ppm	█ 1229	---	---	---
Phosphorus	ppm	█ 1016	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 56	---	---	---

Depot: BURSTR
Unique No: 10870662
Signed: Sean Felton
Report Date: 09 Feb 2024



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GRAPHS

