



CONSTRUCTION EQUIPMENT

SVC 52741 VOLVO L30GS 3224473 - DIESEL ENGINE



Sample No: VCP442296
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SVC 52741



SAMPLE INFORMATION

Sample Number	VCP442296	VCP438673	---	---
Sample Date	12 Feb 2024	02 Feb 2024	---	---
Machine Hours	4699	4700	---	---
Oil Hours	200	300	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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

OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	█ 14.5	---	---
Base Number (BN)	mg KOH/g	█ 7.8	█ 7.6	---	---
Oxidation (PA)	%	63	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	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	74	74	---	---
Sulfation (PA)	%	56	57	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 7	█ 6	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ 2	█ 0	---	---

WEAR METALS

Iron	ppm	█ 10	█ 10	---	---
Copper	ppm	█ 1	█ <1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 4	█ 3	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 27	█ 28	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ <1	█ <1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	<1	<1	---	---

ADDITIVES

Calcium	ppm	█ 2281	█ 2052	---	---
Magnesium	ppm	█ 266	█ 246	---	---
Zinc	ppm	█ 1314	█ 1229	---	---
Phosphorus	ppm	█ 1086	█ 1016	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 57	█ 56	---	---

Depot: BURSTR
Unique No: 10886308
Signed: Jonathan Hester
Report Date: 23 Feb 2024



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GRAPHS

