



CONSTRUCTION EQUIPMENT

X49222 VOLVO L60 752925 - DIESEL ENGINE



Sample No: VCP408351
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: X49222



SAMPLE INFORMATION

Sample Number	VCP408351	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	253	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.1	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	73	---	---	---

Diagnosis

No corrective action is recommended at this time. 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)	%	53	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 19	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 14	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 38	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1433	---	---	---
Magnesium	ppm	█ 545	---	---	---
Zinc	ppm	█ 1096	---	---	---
Phosphorus	ppm	█ 960	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 58	---	---	---

Depot: VOLVO6244
Unique No: 11110458
Signed: Jonathan Hester
Report Date: 05 Jul 2024



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GRAPHS

